

BENDING, Ya.I.

Wound in the left heart ventricle. Khirurgia no.8:71 Ag. '55.

(MLRA 9:2)

1. Iz khirurgicheskogo otdeleniya Yeniseyskoy rayonnoy bol'nitsy.
(HEART--SURGERY)

BENDIS, R.

"Avian - Agglutination of verur atypical avian pest." Inst. for Microbiology, Vet. Fac.
Univ. of Zagreb.

Vet. Arch. 22 : 282-285, 1952

BEKSIK, K.

Separation of liquids of low viscosity from resinous substances of high viscosity K. Beksik, *Pracyna Chem.* 9, 70 (1954) (English summary) *Chem. Abstr.* 45, 7484h
The principle of construction and operation of the wormpress has been given; the applications have been enumerated.
Gen. A. Wozny

AP
MET

KRASHYANSKAYA, P.L.; HENDITOVICH, M.D.

Artificial illumination in schools in Kuybyshev. Gig. i san. no.9:
50 S '54. (MLRA 7:10)

1. Iz otdela shkol'noy sanitarii Kuybyshevskoy gorodskoy sanitarno-
epidemiologicheskoy stantsii.
(ILLUMINATION,
schools)
(SCHOOLS,
illumination)

L 2384-66

ACCESSION NR: AP5021796

UR/0340/65/000/008/0025/0025

AUTHOR: Benditskiy, E. (Engineer)

TITLE: A valve to safeguard the hydrosystem [in a tractor]

SOURCE: Sel'skiy mekhanizator, no. 8, 1965, 25

TOPIC TAGS: tractor, filter

ABSTRACT: The author states that one of the main reasons for a decrease in the efficiency of a hydrosystem is the presence of mechanical foreign bodies in the oil. Under certain conditions, the filter in the tank of the hydrosystem allows unfiltered oil to flow into the tank. Since 1963 the Odessa Branch of the NATI (State All-Union Scientific Research Institute of Tractors) has conducted studies on the filtration of oil in hydrosystems and have come to the conclusion that the existing valve unnecessarily allows unfiltered oil to penetrate into the system. A new device for the valve was developed which regulates the valve and prevents unwarranted operation of the system on unfiltered oil. The author describes the new device. Orig. art. has: 6 figures.

Card 1/2

L 2384-66

ACCESSION NR: AP5021796

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GO.

NO REF SOV: 000

OTHER: 000

BVK
Card 2/2

BENDITSKIY, N.D.

More about the work of the maritime network. Meteor, i gidrol.
no.2:46-48 P '53. (MIRA 8:9)

1. Arkhangel'skoye UGMS.
(Meteorology, Maritime)

U.S.S.R. (Soviet Union)

USSR/Meteorology - Aurora borealis

Card 1/1 Pub. 86 - 24/36

Authors : Benditskiy, N. D.

Title : ~~_____~~
Aurora seen near Kotlas

Periodical : Priroda 44/6, page 116, Jun 1955

Abstract : An observer relates having seen the aurora borealis near Arkhangelek in the evening of 23 November 1954. The phenomenon took the form of two complete arcs extending to the horizon. It is assumed to have been connected with the period of the sun's least activity when the aurora can be observed further to the north.

Institution :

Submitted :

AUTHOR: Banditskiy, N. D. SOV/50-38-6-10/24

TITLE: On the Temperature Measurement of the Surface Water Stratum on the Open Sea (Ob izmerenii temperatury poverkhnostnogo sloya vody v otkrytom more)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 6, pp. 53-54 (USSR)

ABSTRACT: The improvement of the care for the maritime national economic organisations and the scientific elaboration of research work depend on the quality of the measurements mentioned in the title. The methods used do not meet the requirements. The author has no data on Soviet or foreign research work in this field. He gives a critical survey of the methods used at present. Since 1957 several maritime stations of the Littoral UGMS (Primorskoye upravleniye gidro-meteorologicheskoy sluzhby) have been engaged for the collection of material. Comparative temperature measurements were carried out in whole zone of navigation in the Yaponskoye and Okhotskoye Sea and in the northwestern part of the Pacific (Tikhyy okean). It was found that neither the zone of navigation, nor the season, nor the degree of

Card 1/2

On the Temperature Measurement of the Surface
Water Stratum on the Open Sea

3-V/50-58-6-18/24

wave action, nor the wind intensity influence considerably the mixing up of the surface water strata by the ship itself. This makes possible the following preliminary conclusions: the sailing ship promotes an intense mixing up of the surface water layers to a depth of 4 - 5 m. Therefore the installation of thermometers in the engine room of all ships under sail and above all of ships under construction is methodically more justified if they permit the reading of the temperature with an accuracy of 0,1°. This method is also more reliable and economical as compared to the methods used at present.

1. Sea water--Surface conditions 2. Temperature--Measurement

Card 2/2

FENEIU, L.

New promotion. p. 23. Aripile Patriei. Bucuresti. Vol. 1, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), IC. Vol. 5, No. 3, March 1956.

BENDIU, L.

Aeromodelling competition in Suceava. p. 15. ARIPILE PATRIEI.
(Asociatia Voluntara pentru Sprijinirea Apararii Patriei) Bucuresti.
Vol. 2, no. 6, June 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress.
Vol. 5, no. 9, Sept. 1955

BENDIU, L.

A tradition. p. 4.

(ARIFILE PATRIEL. Vol. 3, No. 4, Apr. 1957. Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. VOL. 6, No. 10, October 1957. Uncl.

BRNDKOWSKA, Wiesława

Studies on the carbonization of wool. Przegl wlokien
17 no. 9: 297-307 S '63.

HINKKONEN, T.

Kinematic calculations of the selffactor rule 8-5 III. (To be contd) p. 217-221
(HINKKONEN, T. Vol. 11, No. 5, May 1977. Helsinki, Finland)

See: Penttilä; List of New European Accessions (cont.) p. Vol. 6, No. 1, Oct 1970. Encl.

SHTEPINA, Ya., kand.tekhn.nauk; BENDL, I., kand.tekhn.nauk;
YAKOVENKO, V.A., kand.tekhn.nauk, dotsent

Concerning V.A. Yakovenko's article "Calculation of commutating
flux rise for suddenly applied loads." Elektrichestvo no.2:89-
92 F '62. (MIRA 15:)

1. Czechoslovatskaya Akademiya nauk (for Shtepina, Bendl).
(Electric machinery)
(Yakovenko, V.A.)

BENDL, J.

An instrument to indicate an asymmetric load of generators. Tr. from
the German. p. 89.
(Elektrotechnický Obzor, Vol. 46, no. 2, February 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

FRID, J.; STUBBS, G.

Influence of the ripple of current from a rectifier on DC series motors, p. 528.

MINISTERSTVO OTČEHO STROJIRENARSTVA A ČESKOSLOVENSKÉ
VEDECKÁ TECHNICKÁ SPOLEČNOST PRO ELEKTROTECHNIKU (Při
Československé akademii věd)
Praha, Czechoslovakia, Vol. 11, no. 10, Oct. 1959.

Monthly List of East European Accession, (FEAI), 10, Vol. 8, no. 12, Dec. 1959.
Encl.

KOTASEK, A.; VINSOVA, N.; BENDL, J.; CERVENKA, J.; CECHE, E.

Perinatal mortality in late gestoses. Cesk. gynek. 29
no.6:470-478 Ag '64.

I. Gyn.-por. klin. fak. vseob. lek. Karlovy University v
Praze (prednosta prof. dr. K. Klaus, DrSc.) a II. gyn.-por.
klin. fak. vseob. lek. Karlovy University v Praze (prednosta
prof. dr. J. Lukas, DrSc.).

STEPINA, Jaroslav, Ing, Dr. Kandidat der technischen Wissenschaften;
BENDL, Jiri, Ing., Kandidat der technischen Wissenschaften

The transient states in the laminated circuit of the commutating poles of a direct-current machine with massive supports. Acta techn Cz 5 no.3:259-276 '60. (EEAI 9:10)

1. Institut für Elektrotechnik der Tschechoslowakischen Akademie der Wissenschaften, Praha.
(Electric machinery)

STEPINA, Jaroslav, C.Sc., Inz.Dr.; BENDL, Jiri, C.Sc., Inz.

Improvement of the compensation process in the commutating pole
circuit of direct current machines. Acta techn Cz 6 no.4:392-403 '61.

1. Československa akademie ved, Ustav pro elektrotechniku, Praha 1,
Vaclavske namesti 55.

(Electric machinery)

BENDL, Jiri, inz., C.Sc.

Problem of slitting in the stator tooth of a turbo-generator. El tech
cas 13 no. 6:321-334 '62.

1. Ustav pro elektrotechniku, Ceskoslovenska akademie ved, Praha 1,
Vaclavske namesti 55.

ACC NR: AP6026186

SOURCE CODE: CZ/0017/66/055/002/0069/0074

AUTHOR: Bendl, Jiri (Engineer; Candidate of sciences)

B

ORG: CSAV

TITLE: Eddy current losses in armatures of electrical machines fed from DC-AC generators or rectifiers

SOURCE: Elektrotechnicky obzor, v. 55, no. 2, 1966, 69-74

TOPIC TAGS: eddy current, armature, electric equipment, electric generator, electronic rectifier, direct current, alternating current

ABSTRACT: The article deals with the problem of eddy current losses in iron armatures of electrical machines fed either by nonsinusoidal (stepped) voltage from DC-AC generators (polyphase induction motors) or by a ripple voltage from grid-controlled rectifiers (synchronous motors). The dependence of the variable eddy current losses upon the variations of the value x_1 is shown, where x_1 includes the influence of wall thickness, material constancy and the basic frequency. The range and number of anodes are both taken into consideration in the case of DC machines fed from grid-controlled rectifiers. This paper was presented by Engineer F. Lstiburek. Orig. art. has: 7 figures, 53 formulas, and 1 table. [Based on author's Eng. abst.] [SPRS: 35,327]

SUB CODE: 09, 20 / SUBM DATE: 20Jul64 / ORIG REF: 004 / OTH REF: 006

Card 1/1 PC

UDC: 621.313.017.31
173.3

BENDL, Josef; SKODA, Vladimir; VINSO, Hada

Mortality during the recent 5 years at the Second Obstetric Clinic
in Prague. Cas. gyn. 23[37] no.4:263-265 June 58.

1. II. por. gyn. klinika KU v Praze, prednosta prof. Dr. J. Lukas.
J. B., II. por. gyn. kl. KU v Praze.
(INFANT MORTALITY, statistics,
hosp. statist. (Cz))

BLEKTA, M.; BENDL, J.; KUCERA, E.; GJUNICOVA, J.

Role of nutrition in the prevention of pregnancy complications.
Cesk.gyn. 25[39] no.3:181-185 1960.

1. II.gyn.por.klin. KU v Praze, prednosta. prof.dr. Sc. J. Lukas.
(PREGNANCY nutrition & diets)

BLEKTA, M.; HENDL, J.; KUCERA, M.; GJURICOVA, Jirina

Preventive effect of nutrition on late gestosis. *Cesk.gyn.* 25
[39] no.3:198-202 1960.

1. II.gyn.por.klin. KU v Praze, predn.prof. Dr.Sc. Josef Lukas.
(PREGNANCY TOXEMIAS nutrition & diets.)

BLEKTA, M.; MACKU, Fr.; BENDL, J.; PESKOVA, V.; CHYTL, M.; OPPLT, J.;
BERGMANNOVA, E.; VAKOCOVA, H.

Protein metabolism disorders in late gestosis. Acta univ. carol.
[med.] Suppl. 14:141-161 '61.

1. II. porodnicko-gynekologicka klinika fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. J. Lukas II. interni
klinika fakulty vseobecneho lekarstvi University Karlovy v Praze,
prednosta prof. dr. F. Herles Biochemicke oddeleni fakultni nemocnice
v Praze, prednosta prim. dr. J. Opplt.
(PREGNANCY TOXEMIAS blood) (BLOOD PROTEINS in pregnancy)

BLEKTA, M., CSc.; BENDL, J.; MACKU, F.; MISINGER, I.; PESKOVA, V.; OPPLT, J.;
CHYTL, M.

The health status of women in late gestosis (Contribution to the study
of hypertension). Cesk. gynek. 27 no.1/2:109-113 Mr '62.

1. II por. gyn. klin. KU v Praze, prednosta prof. MUDr. J. Lukas,
DrSc. Biochemicke oddeleni fak. nemocnice v Praze 10 II int. klin.
KU v Praze, prednosta prof. MUDr. F. Herles.

(PREGNANCY TOXEMIAS statist)
(HYPERTENSION in pregnancy)

BLEKTA, H., CSc.; HÁČEK, Fr.; BENDL, J.; ANDRASOVA, V.; MISINGER, J.;
CHYTL, M.; OPPLT, J.; VAKOČOVA, H.

Residual hypertension and proteinuria in late toxemias. Cesk. gyn. 27
[41] no.6/7:270-275 Ag '62.

1. II. gyn.-por. klin. fak. vseob. lek. KU v Praze, prednosta prof.
dr. J. Lukas, DrSc. II. int. klin. fak. vseob. lek. KU v Praze, prednosta
prof. dr. Fr. Herles Blochen. odd. fak. nemocnice v Praze 10,
prednosta dr. J. Opplt.

(PREGNANCY TOXEMIAS) (PROTEINURIA)
(HYPERTENSION) (KIDNEY DISEASES)

BENDL, Jiri, inz., CSc.

Influence of alternating-current components on the excitation voltage of turboalternators excited from rectifiers. El tech cas 14 no.7:385-396 '63.

1. Ustav pro elektrotechniku, Ceskoslovenska akademie ved, Praha 1, Vaclavske namesti 55.

BENDL, Jiri, inz., kandidat technickych ved

A new linear oscillating motor. El tech obzor 52 no.1:45-46
Ja '63.

1. Ceskoslovenska akademie ved.

BENDL, Jiri, inz. CSc

Static excitation and control equipment for small generators.
Elektrotechnik 19 no.2:50-51 F'64

BENDL, Jiri, inz. CSc.

Losses in the winding of electric machines supplying rectifiers.
El tech obzor 52 254-260 My '64.

1. Czechoslovak Academy of Sciences.

ANDRYSEK, O.; ANDRYSKOVA, J.; BENDEL, J.; BLEKTA, M.; BRADCOVA, L.; CHYTEL, M.;
ORI, M.; KASKA, B.; VADNICEK, S.

Isotope examination methods of the uroepietic system in pediatrics
and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44
'64.

I. Biofyzikalni ustav fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. gyneko-
logicke-porodnicka klinika fakulty vseobecneho lekarstvi Univer-
sity Karlovy v Praze (prednosta: prof. dr. J. Lukas); III. interni
klinika fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: prof. dr. F. Herles); IV. detska klinika fakulty
vseobecneho lekarstvi University Karlovy v Praze (prednosta:
prof. dr. F. Herles); V. detska klinika fakulty vseobecneho
lekarstvi University Karlovy v Praze (prednosta: prof. dr.
F. Blazek) a I. detska klinika fakulty pediatricke University
Karlovy v Praze (prednosta: prof. dr. J. Svejcar).

ENGELBERTH O.; JEZKOVA Z.; BLEHA O.; MALEK J.; BENDL J. Technicka
spolupraca: MORAVCOVA, S.; KADEROVA, M.

Autoantibodies in Sheehan's syndrome. Cas. lek. cesk. 104 no.4:
108-109 Va 165

I. III. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta akademik J. Charvat); Ustav hemato-
logie a krevni transfuze (reditel prof. dr. J. Horejsi, Dr.Sc.);
I. porodnicka klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. J. Klaus, Dr.Sc.) a II
porodnicka klinika fakulty vseobecneho lekarstvi Karlovy Uni-
versity v Praze (prednosta prof. dr. J. Lukas, Dr.Sc.)

BLEKTA, M.; BAKOS, K.; HLAVATY, V.; ANDRYSEK, O.; TELKOVA, M.; BENDL, J.;
VALNICEK, S.; CHYTL, M.; BENDOVA, L.

Isotope examination methods in obstetrics. Isotope nephrography, measurement of the blood volume with I-131, serum albumin level test with the use of erythrocytes labeled with Cr-51. Cesk. gynek. 30 no.1:122-127 Mr'65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II.interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze; Statni ustav pro kontrolu leziv v Praze.

HLAVATY, V.; BLEKSA, M.; CHYTI, M.; BENDL, J.; VAINICEK, J.; BENOVA, I.

Changes in the blood volume during pregnancy and in late gestoses investigated with the aid of I-131 HSA and Cr51 labeled erythrocytes. Sborn. lek. 67 no.8/9:240-247 Ag 1965.

I. Biofyzikální ústav (prednosta doc. dr. F. Hienstbier, DrSc),
II. gynekologicko-prord. klinika (prednosta prof. dr. J. Lukas, DrSc.) a II. interni klinika (prednosta prof. dr. F. Herles, DrSc.) fakulty vseobecneho lekarstvi University Karlovy v Praze.

ENGELBERTH, O.; JEZKOVA, Z.; BLEHA, O.; MALEK, J.; BENDL, J.: Technická spolupráce: MORÁVCOVA, S.; KADEROVA, M.

Autoantibodies in Sheehan's syndrome. Vnitřní lek. 11 no.8:737-741
Ag '65.

1. III. vnitřní klinika (prednosta akademik J. Charvat), Ústav hematologie a krevní transfuze (reditel prof. MDr. J. Horejší, Dr.Sc.), I. porodnická klinika (prednosta prof. MDr. J. Elias, Dr.Sc), II. porodnická klinika (prednosta prof. MDr. J. Lukas, Dr.Sc).

BLEHA, M., Praha 2, Apolinarska 18; BENFL, J.; VAINICEK, S.; CHYTEL, M.

Hypertension in pregnancy. *Cesk. gynec.* 30 no.9:648-653 1965.

I. II. gyn.-por. klin. (prednosta prof. dr. J. Lukas, DrSc.) a
II. inter. klin. (prednosta prof. dr. F. Herles, DrSc.) fakulty
vseobecneho lekarstvi Karlovy University v Praze.

BAKOS, K.; ANDRYSEK, O.; ANDRYSKOVA, J.; BLEKTA, M.; BENDL, J.;
VALNICEK, S.; CHYTL, M.

Isotope nephrography in pregnancy and in late toxemia.
Cas. lek. cesk. 104 no.27/28:745-748 9 JI. '65.

I. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta doc. dr. Z. Dienstbier, DrSc.),
II. porod.-gynekol. klinika fakulty vseobecneho lekarstvi
Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.)
a II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. F. Herles, DrSc.).

HLAVATY, V.; BLEKTA, M.; TRNKOVA, M.; CHYTL, M.; BENDL, J.; VALNICEK, J.;
BENDOVA, L.

Some new information on changes in the volume of circulatory plasma and blood proteins during physiological pregnancy and late gestation. *Cas. lek. Cesk.* 104 no.51:1405-19 D 1965.

I. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. E. Menabier, DrSc.),
II. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.),
Statni ustav pro kontrolu leci v Praze a
II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Herles, DrSc.).

L 38316-56

ACC NR: AP6028004

SOURCE CODE: 07/0012/65/000/009/0527/0539

AUTHOR: Stepina, Jaroslav (Engineer; Doctor; Candidate of sciences; Prague);
Bendl, Jiri (Engineer; Candidate of sciences; Prague)

ORG: Electrical Engineering Institute, CSAV, Prague (Ustav pro elektrotechniku CSAV)

TITLE: Design of a synchronous alternator for the feeding of rectifiers

SOURCE: Elektrotechnicky casopis, no. 9, 1965, 527-539

TOPIC TAGS: electronic rectifier, electronic component, electronic engineering

ABSTRACT: The article gives a method by which the preliminary design of a synchronous alternator of usual construction for loading with rectifiers can be made. The so-called type power output is used as a determining value for the machine design, that value being determined from the losses in the winding and in the iron. The article gives a general view of various factors which influence the resulting losses and likewise the type power output. It is shown that in unfavorable cases the type power output can reach a multiple of the power output of the basic harmonic. This paper was presented by J. Lammoraner.

Orig. art. has: 9 figures and 23 formulas. [Orig. art. in Eng.] [JPRS: 34,691]

SUB CODE: 09/ SUBM DATE: 03May65/ ORIG REF: 006/ OTH REF: 003

Card 1/1 *CC*

CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, J., BLEKTA, M., BENDL, J., VALNICEK, S.,
TRNKOVA, M., CHYTL, M.; Biophysical Institute, Faculty of General
Medicine, Charles University, 2nd. Gynecological Clinic, Faculty
of General Medicine, Charles University; State Institute for Drug
Control: 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles
University (Biofyzikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko-
Gynekologicka Klinika Fak. Vseob. Lek KU; Statni Ustav pro
Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU), Prague.

"Changes in the Total Amounts of Serum Proteins and Their Fractions
During Physiological Pregnancy and Late Gestation."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 94

Abstract: During normal pregnancy the concentration of blood
proteins and albumin decreases, concentration of globulin and the
total amount of serum protein increase; the amount of albumin
reaches a peak in the 2nd trimester and reverts to pre-pregnancy
levels. In late gestation the decrease in proteins and albumins
is greater; globulins do not increase. No references. Submitted
at "16 Days of Physiology" at Kosice, 27 Sep 65.

1/1

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CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, L., BLEKTA, M., BENDL, J., VALNICEK, S., TRNKOVA, M., CHYTIL, M; Biophysical Institute, Faculty of General Medicine, Charles University, 2nd. Gynecological Clinic, Faculty of General Medicine, Charles University; State Institute for Drug Control; 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles University (Biofyzikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko Gynecologicka Klinika Fak. Vseob. Lek. KU; Statni Ustav pro Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU) Prague.

"Changes in the Volume of Circulating Blood During Physiological Pregnancy and in Late Gestosis."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 93-94

Abstract: The amount of circulating blood and plasma starts increasing in the 9th. week of pregnancy and reaches a maximum in the 2nd. trimester; at the end of pregnancy the volume of plasma decreases. In late gestosis the volume of circulating blood and plasma begin to decrease as early as the 2nd trimester. No references. Submitted at "16 Days of Physiology" at Kosice, 27 Sep 65.

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BENDL, J.; BLEKTA, M.; PAVLOVA, D.; TRNKA, V.; VINSOVA, N.

Fate of children of mothers with late toxemias. *Cesk. gynek.*
28 no.7:458-462 S '63.

1. II gyn.-por. klin. fak. vseob. lek. KU v Praze, prednosta
prof. dr. J. Lukas, DrSc. IV detska klinika fak. vseob. lek.
KU v Praze, prednosta prof. dr. F. Blazek III detska klinika
fak. vseob. lek. KU v Praze, prednosta prof. dr. O. Vychytil.
(PREGNANCY TOXEMIAS) (ELECTROENCEPHALOGRAPHY)
(VENTRICULOGRAPHY) (PSYCHOLOGICAL TESTS)
(NEUROLOGY) (GENETICS, HUMAN) (INFANT MORTALITY)

BENDL, J.; BLEKTA, M.; VINSOVA, H.

Relation of late pregnancy toxemias to hypertension and intrauterine fetal death. Cesk.gynek. 28 no.8:561-565 0 '63.

1. II. gyn.-por. klin. fak vseob. lek. KU v Praze (prednosta prof. dr. J. Lukas, DrSc) a IV. detska klin. fak. vseob. lek. KU v Praze (prednosta prof. dr. F. Blazek).

*

BENDL', Vatslav [Bendl, Vaclav]

Construction of livestock buildings in czechoslovakia. S11' bud.
9 no.8:24 Ag '59. (MIRA 12:12)
(Czechoslovakia--Farm building)

PLECHAC, Bohuslav; REINDL, Vdenek

New machine for continuous leather processing. *POZNAVI*
14 no. 3: 72-73 Br 16.

1. Leather Research Institute, Gottwaldov.

BENDLER, A.I., insh.

Horizontal boring equipment for the construction of crossings
under highways and railroad embankments. Stroi.truboprov. 4
no.1:27-29 Ja '59. (MIRA 12:1)
(Boring machinery) (Pipelines)

BEIDLER, A.I., inzh.; RAFAL'SKIY, A.V., inzh.

The UGE2 installation for horizontal drilling. Stroi.truboprov.
5 no.1:27-29 Ja '60. (MIRA 13:8)
(Gas, Natural--Pipelines)
(Boring machinery)

BENDLER, A.I.

TRSI trench rotor snow remover. Stroil. truboprov. 9 n. 3128-36
Mr '64. (MIRA 18:2)

1. Spetsial'noye konstruktorskoye byuro "Gazstroymashina".

BENDLER, A.I., inzh.; LAVPOV, G.Ye., inzh.

The UGB horizontal boring units. Stroi. i dor. mash. 9 no.4:
10-11 Ap '64. (MIRA 18:1)

BENDLOVA, Z.

New mechanization in Czechoslovak agriculture. p.17.
(MASHINIZIRANO ZEMEDLIE, Vol. 8, no. 5, May 1957, Sofia, Bulgaria.)

SO: MONTHLY List of East European Accessions (EEAL) IC, Vol. 6, no. 12, December 1957 Uncl.

BENDNOVA, YE. T.

Pastures

Pasture lands of long standing of Kalingrad Province and conditions of their productivity., Korm. baza., no. 11, 1951.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

BENDO, Jozsef; FABIAN, Tibor; PALLAGI, Otto, dr.; BOZZAY, Gyulane;
SZABO, Jeno

Linear programming for the organization of railroad transportation of petroleum products. Kozleked kozl 20 no. 24: 396-399 14 Je '64.

R. W. G. L. ... TIBET; PALMAGE ...

Linear programming in the organization of the ...
transportation of petroleum products. ...
no. 1964, 1965, 1966, 1967.

BENDO, O

Measuring magnetic properties of iron at audio-frequencies, p. 139. (Strojnoelektrotechnicky Casopis. Bratislava, Vol. 4, No. 2, 1953)

SO: Monthly list of East European Accessions, (EEAL), LC. Vol 4, No. 6, June 1955) UNCL

BENDONA

1. The following information was obtained from the file:

2. The following information was obtained from the file:

3. The following information was obtained from the file:

4. The following information was obtained from the file:

5. The following information was obtained from the file:

6. The following information was obtained from the file:

BENDOVA, K.

Change in nutritive value of unpolished rice during processing. p. 177.
Vol. 9, no. 3, Mar. 1955. Chemické Zvesti.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

HLAVATY, V.; ZAK, M. Technická spolupráce: BENDOVA, L.

Changes in the conductivity of the blood serum following a single total-body roentgen irradiation in rabbits. Sborn. lek. (Praha) 66 no.4:111-115 Ap'64.

1. Biofyzikální ústav fakulty všeobecného lékařství Univerzity Karlovy v Praze; přednosta: doc.dr. Z. Dienstbier, CSc.

*

ELEKTA, M.; BAKOS, K.; HLAVATY, V.; ANDRYSEK, O.; TRNKOVA, M.; BENDL, J.;
VALNICEK, S.; CHYTL, M.; BENDOVA, L.

Isotope examination methods in obstetrics. Isotope nephro-
graphy, measurement of the blood volume with I-131, serum
albumin level test with the use of erythrocytes labeled
with Cr-51. Cesk. gynec. 30 no.1:122-127 Mr'65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II. interni
klinika fakulty vseobecneho lekarstvi Karlovy University
v Praze; Statni ustav pro kontrolu leziv v Praze.

HLAVATY, V.; SLEKTA, M.; CHYTI, M.; BENDL, J.; VALNICEK, J.; BENDOVA, L.

Changes in the blood volume during pregnancy and in late gestoses investigated with the aid of I-131 HSA and Cr51 labeled erythrocytes. *Chorn. lek.* 67 no.8/9:240-247 Ag '65.

I. Biofyzikalni ustav (prednosta doc. dr. Z. Hienstbier, DrSc),
II. gynecologicko-prord. klinika (prednosta prof. dr. J. Lukas, DrSc.) a II. interni klinika (prednosta prof. dr. F. Hories, DrSc.) fakulty vseobecneho lekarstvi University Karlovy v Praze.

HIAVATY, V.; BENEŠOVA, I.; JIHOUNEK, P.; ZAK, M.

Relation between the energy of x-ray radiation and the
biological response of the organism. Cesk. radiol. 20
no.1:43-49 Ja '66.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi
Karlovy University v Praze (prednosta prof. dr. T. Dienstbier,
DrSc.).

HIAVATY, V.; BLENKA, M.; TRNKOVA, M.; CHYTL, M.; BENDL, J.; VALNICEK, J.;
BENDOVA, L.

Some new information on changes in the volume of circulatory plasma and blood proteins during physiological pregnancy and late gestation. Cas. lek. Cesk. 104 no.51:1405 17 D '65.

I. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Dienstbier, DrSc.),
II. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.), Statni ustav pro kontrolu leci v Praze a
II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Herles, DrSc.).

CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, L., BLEKTA, M., BENDL, J., VALNICEK, S.,
TRANKOVA, M., CHYTEL, M.; Biophysical Institute, Faculty of General
Medicine, Charles University, 2nd. Gynecological Clinic, Faculty
of General Medicine, Charles University; State Institute for Drug
Control; 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles
University (Biofyzikalni Ustav Fak. Vseob. Lek. KU; II. porodnicko
Gynekologicka Klinika Fak. Vseob. Lek. KU; Státni Ústav pro
Kontrolu Leciv; II. Interni Klinika Fak. Vseob. Lek KU) Prague.

"Changes in the Volume of Circulating Blood During Physiological
Pregnancy and in Late Gestosis."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 93-94

Abstract: The amount of circulating blood and plasma starts
increasing in the 9th. week of pregnancy and reaches a maximum
in the 2nd. trimester; at the end of pregnancy the volume of
plasma decreases. In late gestosis the volume of circulating
blood and plasma begin to decrease as early as the 2nd trimester.
No references. Submitted at "16 Days of Physiology" at Kosice,
27 Sep 65.

CZECHOSLOVAKIA

HLAVATY, V., BENDOVA, I., BLERTA, M., BENDL, J., VALNICKY, S.,
FRNKOVA, M., CHYTIK, M.; Biophysical Institute, Faculty of General
Medicine, Charles University, 2nd. Gynecological Clinic, Faculty
of General Medicine, Charles University; State Institute for Drug
Control: 2nd. Internal Clinic, Faculty of Gen. Medicine, Charles
University (Biofyzikalni Ustav Fak. Vseob. Lek. KU; II. Porodnicko-
gynekologicka Klinika Fak. Vseob. Lek KU; Státní Ústav pro
Kontrolu Léčiv; II. Interní Klinika Fak. Vseob. Lek KU), Prague.

"Changes in the Total Amounts of Serum Proteins and Their Fractions
During Physiological Pregnancy and Late Gestation."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 94

Abstract: During normal pregnancy the concentration of blood
proteins and albumin decreases, concentration of globulin and the
total amount of serum protein increase; the amount of albumin
reaches a peak in the 2nd trimester and reverts to pre-pregnancy
levels. In late gestation the decrease in proteins and albumins
is greater; globulins do not increase. No references. Submitted
to "16 Days of Physiology" at Kosice, 27 Sep 65.

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- 141 -

BEJDOVA, Kotarina, inz.

Making use of technical literature. Tech praca 14 no.5:385-386
My '62.

PROCHAZKA, Jar, Prof., MUDr.; ADAM, Ervin, MUDr.; ADAMOVA, Vlasta, MUDr.;
BENDOVA, H., MUDr.

Effect of lumbar puncture on the course of poliomyelitis
anterior acute. Prakt. lek., Praha 35 no.14:313-315 20 July 55.

1. OUNZ Praha 8 - Bulovka, Infekcni oddeleni, Prednosta: prof.
MUDr. Jaroslav Prochazka.

(POLIOMYELITIS

acute anterior, eff. of lumbar punction)

(SPINAL PUNCTURE

lumbar, eff. on acute anterior polio.)

BENDOVA, O.

BENDOVA, O. A simple method for the rapid determination of physiological conditions
in beer yeasts. p. 160

Vol. 2, no. 7, 1956, July
KVASNY PRUMYSL
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

BENDOVA, Olga

Quaternary ammonium compounds as disinfectants for breweries.
Kvasny prum 9 no.5:124-127 My '63.

1. Vyzkunny ustav pivovarsky a sladarsky, Praha.

NEWTON, WINE, JAC.

Effect of microflora on the quality of beer. *Czechoslovakia*
15 pp., 19520-582. N '64.

1. Research Institute of Brewing and Malting Technology, Prague.

BENDOVI, V. D., MUDr.

Orthopedic abnormalities of lower extremity in textile workers.
Acta chir. orthop. traum. czech. 24 no.3:235-245 May 57.

1. OUNZ Trutnov.

(FOOT, dis.

occup. abnorm. caused by faulty shoes in Czech. textile
workers (Cz))

(OCCUPATIONAL DISEASES

foot abnorm. caused by faulty shoes in Czech. textile
workers (Cz))

(SHOES

faulty shoes causing foot abnorm. in Czech. textile
workers (Cz))

KEYS, N.V.; SINITSYN, A.A.; POZDNYSHEV, V.M.; SAMARIN, A.P.; YARTSEVA, T.W.;
Prinimali uchastiye: BENDOVSKIY, B.M.; CHUTCHEV, I.I.; KOMPANIYETS, H.V.;
OTRISHCHENKO, H.I.; KHARITONOVA, V.V.; TOROPOV, F.S.

Making ingot molds and other castings of cast iron with spheroidal
graphite at the Chelyabinsk Metallurgical Plant. Stal' 23 no.4:381-383
Ap '63. (MIRA 16:4)

(Iron foundry)

(Ingot molds)

BENDOVSKIY, M.K.

VIROVETS, A.M., professor; BARVENKO, Ye.I., inzhener; BENDOVSKIY, M.K., inzhener; GORELKIN, L.F., inzhener; DRIATSKAYA, E.M., inzhener; ZELICHENKO, L.B., inzhener; IVANOV, V.F., inzhener; KAMENSKIKH, I.G., inzhener; KOSINOV, M.Ya., inzhener; LARIN, D.A., inzhener; MAUERER, V. G. inzhener; NEMTSEV, S.V., inzhener; SOLOV'YEVA, M.V., inzhener; PISHKIN, V.N.; RYTOV, A.V., redaktor; SHIENSKIY, I.A., tekhnicheskii redaktor.

[Tables of the rectangular coordinates of map frame angles and of map frame and area dimensions of trapezoids of topographic surveys, using the scale 1:5000; for latitudes 36° - 68° . Krasovskii's ellipsoid] Tablitsy priamougol'nykh koordinat uglov ramok, razmerov ramok i ploshchadei; trapetsii topograficheskikh s'emok masshtaba 1:5000. Dlia shirot ot 36° - 68° . Ellipsoid Krasovskogo. Moskva, Izd-vo geodesicheskoi lit-ry, 1953. 909 p. (MIRA 8:4)
(Surveying--Tables, etc.) (Coordinates) (Trigonometry--Tables, etc.)

~~BEZDOVSKY, M.K.~~

RUSINOV, Igor' Nikolayevich; NAUMOV, Aleksandr Vasil'yevich; ~~BEZDOVSKIY~~
~~Mark Konstantinovich~~; LYSYUK, V.N., redaktor; SHAMAROVA, T.A.,
redaktor; KUZ'MIN, G.A., tekhnicheskij redaktor

[Organization and planning in cartography] Organizatsiya i planirova-
nie kartograficheskogo proizvodstva. Pod obshchei red. V.N.Lysiuka.
Moskva, Izd-vo geodezicheskoi lit-ry, 1954. 196 p. (MLRA 8:4)
(Cartography)

BENDOVSKIY, Ya.

Building dwellings for settlers. Sel'. stroi. 14 no.7:8-9 J1 '59.
(MIRA 12:10)

1. Zamestitel' nachal'nika otdela Glavnogo upravleniya peresele-
niya i organizatsiya rabochikh pri Sovete Ministrov RSFSR.
(Buildings, Prefabricated)

L 32795-66 EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HM/HW

ACC NR: AP6012585 (M) SOURCE CODE: UR/0314/66/000/004/0029/0030

AUTHOR: Medrish, I. N. (Engineer); Bendrik, V. G. (Engineer); Kolyada, A. A. (Engineer); Shaleyeva, V. L. (Technician)

ORG: none

TITLE: Joint welding of tubes made of two-layer metal, steel Kh14N18V2BR plus M3S
copper

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 4, 1966, 29-30

TOPIC TAGS: welding technology, metal welding, steel, copper, metal joining/
Kh14N18V2BR steel, M3S copper

ABSTRACT: Coil pipe reactors made of high-alloy steels are used frequently in the production of mineral fertilizers. In order to make such coils less brittle, the personnel of the VNIPTkhim mash designed and built a reactor incorporating welded structures from two-layer tubes with an (outside diameter, 32 mm; walls 7.5 mm thick). The thicker outer layer was made of Kh14N18V2BR steel and the inner lining consisted of M3S copper 1.5 mm thick. These tubes were built by the All-Union Scientific Research Institute of Pipe Industries

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(Vsesoyuznyy nauchno-issledovatel'skiy institut trubnoy promyshlennosti) using conventional methods. The present note describes in detail the three-step welding process: 1) helium-arc manual welding of copper joints; 2) argon-arc welding of the two halves of a protective ring made of steel; and 3) the final manual welding of the external part of the joint. Orig. art. has: 2 figures.

SUB CODE: 13 / SUBM DATE: none

Joining of dissimilar metals 18

Card 2/2 *MS*

BENDRIK, V.G., inzh.; BULAYEV, V.V., inzh.; ZENGEKOV, A.M., inzh.

New methods for lead plating of chemical apparatus. Part 1
neft. mashinostr. no.2:37-38 Ag '64 (MIRA 18:1)

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1110. Exploration of the Plane of the Variables of van der Pol by Means of the Kathode-Ray Oscillograph. G. Bendrikov and G. Geróltik. *Tekhn. Fiz.*, U.S.S.R. 2 6 pp 845-861, 1955. In French.

The variables x, y of van der Pol satisfy a system of approximate equations of the type $dx/dt = \mu P(x, y)$, $dy/dt = \mu Q(x, y)$ (the approximation being the closer the smaller the parameter μ). The movements of the figurative point in the plane of van der Pol's variables can be seen on the screen of a kathode-ray oscillograph if voltages varying with the time according to the values of x and y are applied to the deflection plates. The interpretation of the figures which then appear on the screen depends on the physical nature of the variables. A stationary spot does not always correspond to a state of equilibrium of the dynamical system and a closed path does not always correspond to a simple periodic motion. Examples are considered in detail. These include (a) a valve generator with two degrees of freedom, (b) a valve generator capable of intermittent oscillation and (c) a non autonomous electrical system. A. W.

ASD 31.4 METALLURGICAL LITERATURE CLASSIFICATION

BENDRIKOV, G. A. (and Phys-Math Sci -- (diss) "Analysis of linear systems
by the method of trajectories on a natural-frequency plane." Mos, 195".
15 pp (Mos Order of Lenin and Order of Labor Red Banner State Univ im N. V.
Lomonosov), 100 copies (KL, 45-57, 96)
Bibliography at end of text (12 titles)

.1-

SOV/124-58-1-143

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 17 (USSR)

AUTHOR: Bendrikov, G. A.

TITLE: Contribution to the Analysis of Feedback Control Systems (K analizu sistem avtomaticheskogo regulirovaniya)

PERIODICAL: Sessiya AN SSSR po nauchn. probl. avtomatiz. proiz-va, 1956, Vol 2. Moscow, AN SSSR, 1957, pp 95-100

ABSTRACT: Bibliographic entry

Card 1/1

AUTHOR BENDRIKOV G.A., TEODORSHIK K.F. (Moscow) PA - 3233
TITLE Concerning the Derivative Control in Three-Order Linear Systems. (K teorii regulirovaniya po proizvodnoy v lineynykh sistenakh tret'yego por'yadka.- Russian)
PERIODICAL Avtomatika i Telemekhanika 1957, Vol 18, Nr 5, pp 471-473 (USSR)
ABSTRACT Received: 6/1957 Reviewed: 7/1957
A control under influence of the derivation of a function of the non-matching leads in a number of cases to an increase in the stability reserve and to an improvement in the observation. The process of these influences can be clarified if on the plane of the complex variable (p) there are observed the laws of motion of the roots of the characteristic equation of a closed system, and this at an uninterrupted change of the coefficient at the first power of p. The paper under review presents such an investigation for an equation of third order. The characteristic equation of a linear observation system of third order can best be investigated in a "normal" form of $p^3 + p^2 + \sigma p + \sigma_1 = 0$. It is shown that to each value σ_1 and σ^- which is determined by the limits of stability there corresponds on the plane (p) a trajectory group of roots, according to which

CARD 1/2

PA - 3233
Concerning the Derivative Control in Three-Order Linear Systems.

the transition of the system from the limits of the oscillation stability to those of the aperiodic stability takes place. We obtain a picture of the motion of these roots, and it can be seen from this picture that the stabilizing effect of the derivation in the control law at systems of third order takes place then, when a pair of complex conjugated roots appears to be closest to the imaginary axis. Here the greatest stability (S) reserve is attained when the pair of the complex conjugated roots unites itself to a double root. The stability limit can be attained asymptotically at $\sigma \rightarrow \infty$. Finally, the paper under review compares its results with those found in T, 18 and 19, p. 1394 and p.231, 1948 and 1949. (1 reproduction, 3 Slavic references.)

ASSOCIATION: not given.
PRESENTED BY: -
SUBMITTED: 16. 2. 1956.
AVAILABLE: Library of Congress.

CARD 2/2

B E N D R I K I Y , G A .

Report to be presented at the 1st Intl Congress of the Intl Federation of Automatic Control, 29 Jun-5 Jul 1980, Moscow, USSR.

LEONOV, A. Ye. - "The application of a self-adjusting system of automatic control".

MALOV, V. S., FRUK LUMINOV, A. M., and KREPKOVICH, A. A. - "Industrial telemanagement systems and digital technique".

MEYER, M. V. - "Some peculiarities of the structure of multi-communications regulation systems".

MINAYLOVSKIY, V. N. - "Evaluation indexes and the possibility of increasing the quality of telemanagement systems".

REZNIKOV, V. V. - "Concerning the problem of established routines in automatic regulation systems".

REZNIKOV, V. A. - "Principles of construction of digital double code automatic control systems".

REZNIKOV, V. A. - "Concerning the problem of automatic regulation with the parameters of periodic processes".

KERIMOV, E. S., and KREPKOVICH, V. L. - "System of automatic control of cutting of rolled metal on a continuous bar mill with the use of digital calculating machines".

CHERNOZHUKOV, V. M. - "Some principles of organizing systems of complex automation of large scale chemical production and optimization of these systems".

OSTROVSKIY, G. M. - "Systems of automatic regulation with intermittent change of parameters".

POKOV, V. P. - "Statistical synthesis of impulse systems".

PERKOV, E. E. - "The invariant principle and its application in the calculation of linear and nonlinear systems".

FRUK LUMINOV, V. S. - "The problem of autonomy in the technique of automatic control".

POKOV, E. P. - "Some problems of synthesis of automatic control nonlinear systems".

POKOV, V. P. - "Method of determining the optimum system with non-linear relation of the observed function with the parameters of the signal".

PUMILIN, V. P., PERKOV, V. V., REZNIKOV, E. V., and YEREMEEV, E. E. - "Principles of construction of a single class of extra control systems for automating production processes".

REZNIKOV, V. A. - "The development of the theory of relay devices in the USSR".

REZNIKOV, V. A. - "Typical characteristics of some with eight angle hysteretic winding and their influence on magnetic hysteresis".

REZNIKOV, V. A. - "Various methods of investigating the quality of automatic control systems".

REZNIKOV, V. A. - "Dynamics of automatic regulation of boiler-turbine units".

REZNIKOVSKIY, E. E., MEL'NIKOV, L. V., KURKOVA, A. A., KOSHEVNIKOVSKIY, and FIVOVAREN, L. A. - "Automatic control of composition of multi-ingredient mixtures".

SHCHERBIN, E. S., and SHCHERBIN, V. S. - "Some results of work for the utilization of radioactive radiation for automatic control of aiming accuracy".

SHCHERBIN, V. V., BAIKOV, A. M., BAIKOV, V. M., VALIKOVSKIY, Yu. S., MASHKOV, P. S., and POZDNYAKOV, A. E. - "Analysis and synthesis of automatic control systems with the aid of calculating machine facilities".

SHCHERBIN, E. I., FRUKOV, L. E., and SHCHERBIN, V. S. - "Automatic control systems and their use for solution of variation problems in automatic synthesis".

SHCHERBIN, E. I. - "A system of alternating current electric drives with autonomous power supply".

SHCHERBIN, E. I., and YAKOVLEVSKIY, V. A. - "Apparatus for technical control of production with the use of nuclear radiation".

SHCHERBIN, E. I., and SHCHERBIN, V. S. - "Methods of organizing the factory of roots of linear systems and qualitative determination of type of roots".

SHCHERBIN, E. I. - "Elements of the theory of digital automatic systems".

SHCHERBIN, E. I., SHCHERBIN, V. S., and SHCHERBIN, V. S. - "Stability of automatic control systems".

SHCHERBIN, V. A. - "Interactions of a mathematical modeling and calculating technology experiment in calculating leads in electrical systems".

BENDRIKOV, G.A.; KRASNUSHKIN, P.Ye.; REYKHRUDEL', E.M.; POTEKIN, V.V.;
MUSTEL', Ye.R.; RZHEVKIN, K.S.; IVANOV, I.V.; KHAHLAMOV, A.A.;
TIKHONOV, Yu.V.; STRELKOVA, L.P.; KAPTSOV, L.M.; ORDANOVICH,
A.Ye.; KOKHLOV, R.V.; VORONIN, E.S.; BERESTOVSKIY, G.N.; KRASNO-
PEVTSKY, Yu.V.; MINAKOVA, I.I.; YASTREBTSOVA, T.N.; SEMENOV, A.A.;
VINOGRADOVA, M.B.; KARPEYEV, G.A.; DRACHEV, L.A.; TROPIMOVA, N.F.;
SIZOV, V.P.; RZHEVKIN, S.N.; VELIZHANINA, K.A.; NESTEROV, V.S.;
SPIVAK, G.V., red.; NOSYREVA, I.A., red.; GEORGIYEVA, G.I., tekhn.
red.

[Special physics practicum] Spetsial'nyi fizicheskii praktikum.
Moskva, Izd-vo Mosk.univ. Vol.1. [Radio physics and electronics]
Radiofizika i elektronika. Sost. pod red. G.V.Spivaka. 1960.
600 p.

(MIRA 13:6)

1. Professorsko-prepodavatel'skiy kollektiv fizicheskogo fakul'teta
Moskovskogo universiteta im. M.V.Lomonosova (for all except Spivak,
Nosyreva, Georgiyeva).

(Radio)

(Electronics)

BENDRIKOV, G.A.; TEODORCHIK, M.F.

Types of motion in tracking systems with amplidyne. Vest. Mosk.
un. Ser. 3: Fiz., astron. 16 no.6:38-46 N-D '61. (MIRA 14:12)

1. Kafedra teorii kolebaniy Moskovskogo universiteta.
(Automatic control)
(Amplifiers (Electronics))

BENDRIKOV, G.A. (Moskva); TEODORCHIK, K.F. (Moskva)

Use of a root loci method in the analysis of multicircuit
linear systems. Izv. AN SSSR. Otd. tekhn. nauk. Energ.
i avtom. no.5:71-76 3-0 '62. (MIRA 15:11)
(Automatic control)

16 6500

S/103/63/024/002/016/020,
D201/D308

AUTHORS: Dendrikov, G.A. and Teodorchik, K.F. (Moscow)
TITLE: A simplified method for plotting root loci
PERIODICAL: Avtomatika i telemekhanika, v. 24, no. 2, 1963,
268-270

TEXT: The analytical method developed earlier by the authors for plotting the root loci of a linear equation, depending on one variable parameter only (Avtomatika i telemekhanika, v. 20, no. 3, 1959) can be simplified in the case of a low-order equation if the original equation contains explicitly the initial and final points of the loci. The method proposed in the present article, is based on the following properties of the loci: 1) the family of loci is determined uniquely by the relative position of their initial and final points, 2) the shifting of the imaginary axis does not affect the form of the root locus. It must be found at which frequencies the root loci intersect the imaginary axis of the complex

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Card 1/2

A simplified method ...

S/103/63/024/002/016/020
D201/D308

plane. The method is used to analyze the performance of a regenerative phase-shift filter. There are 2 figures.

SUBMITTED: June 5, 1962

LB

Card 2/2

UDERMAN, Emanuel Grigor'yevich; BENDRIKOV, G.A., red.; LARIONOV,
G.Ye., tekhn. red.

[Use of the root locus method in the theory of automatic
control] Metod korneвого godografa v teorii avtomaticheskogo
upravleniia. Moskva, Gosenergoizdat, 1963. 111 p. (Biblio-
teka po avtomatike, no.88) (MIRA 17:4)

BENDRIKOV, Grigoriy Avksent'yevich; TEODORCHIK, Kazimir Frantsevich;
ROMANOVSKIY, Yu.M., red.

[Trajectories of the roots of linear automatic systems]
Traektorii kornei lineinykh avtomaticheskikh sistem. Mo-
skva, Izd-vo "Nauka," 1964. 159 p. (MIRA 17:6)

ACCESSION NR: AP4013540

S/0181/64/006/002/0645/0647

AUTHORS: Belyayev, L. M.; Bendrikova, G. G.

TITLE: Influence of spontaneous polarization on the yield of photostimulated exoelectron emission for triglycinesulfate crystals

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 645-647

TOPIC TAGS: spontaneous polarization, photostimulated emission, exoelectron emission, triglycinesulfate, ferroelectric crystal

ABSTRACT: The influence of spontaneous polarization in ferroelectric crystals on the yield of photostimulated exoelectron emission was investigated using ferroelectric triglycinesulfate sheets 1.5-2 mm thick. Polarization was produced by an electric field of about 4000 v/cm with the electrodes mounted on the (010) surfaces. The results are shown in Fig. 1 of the Enclosure. Curve a was obtained for the unpolarized sample and curves b_1 and c_1 for the illuminated surface charged negatively and positively, respectively. Curves b_2 and c_2 are the corresponding results for a repeated cycle. It is uncertain whether the results are due to a decrease of the work function conditioned by the domain orientations in the crystal or to a direct filling-up by electrons of the crystal surface levels. The authors

Card 1/3

ACCESSION NR: AP4011540

thank V. M. Fridkin for advice and consideration of the results and V. P. Konstantinova and L. A. Shuvalov for providing the crystals. Orig. art. has: 1 diagram.

ASSOCIATION: Institut kristallografii AN SSSR Moscow (Institute of Crystallography AN SSSR)

SUBMITTED: 08Oct63

DATE ACQ: 03Mar64

ENCL: 01

SUB CODE: PH

NO REF SOV: 001

OTHER: 004

Card 2/β

1 05712-01 BMT(1)/BMT(m)/BMT(t)/BMT IRI(c) 00001

ACC NR: AR6010500

SOURCE CODE: UR/0196/65/090/010/B006/B006

AUTHOR: Belyayev, I. M.; Nabatov, V. V.; Martyshev, Yu. N.; Bendrikova, G. G. ¹⁶₁₆

TITLE: The electrical phenomena accompanying the deformation of alkali halide crystals ²⁷ ₂₇

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 10B37

REF SOURCE: Sb. Pruby dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 343-346

TOPIC TAGS: alkali halide, crystal deformation, electric phenomenon

ABSTRACT: An attempt is made, on the basis of experimental data, to characterize the electrical phenomena occurring during the disintegration of LiF and CsI crystals. [Translation of abstract] 1 illustration and bibliography of 14 titles. [Institute of Crystallography, AN SSSR, Moscow (In-t kristallografi AN SSSR)]

SUB CODE: 20

¹²
Card 1/1

UDC: 548.0:537

TERTYSHNIKOV, N.; BENDROV, I., prepodavatel' kursov shoferov

How we train drivers. Voen.znan.31 no.4:7 An'55. (MIRA 8:10)

1. Zamestite.. predsedatelya komiteta pervichnoy organizatsii
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu
(for Tertyshnikov)
(Automobile drivers)

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ACC NR: AR6005221

SOURCE CODE: UR/0058/65/000/009/E074/E074

AUTHOR: Belyayev, L. M.; Nabatov, V. V.; Martyshev, Yu. N.; Bendrikova, G. G.

TITLE: On electric phenomena accompanying the deformation of alkali-halide crystals

SOURCE: Ref. zh. Fizika, Abs. 9E627

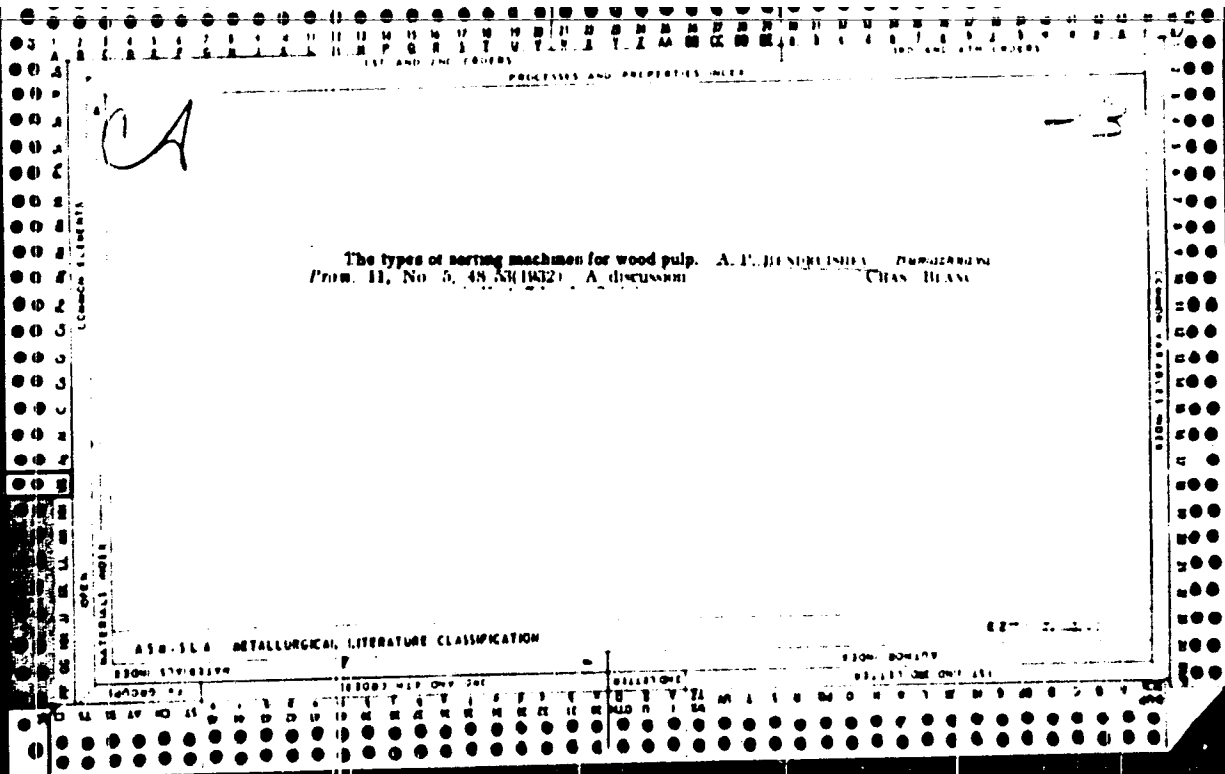
REF SOURCE: Sb. Probov dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 343-346

TOPIC TAGS: alkali halide, crystal deformation, luminescence, crystal defect, glow discharge, electric property

TRANSLATION: Experiments are described on the study of the electric phenomena which occur during the destruction of certain alkali-halide crystals (LiF, CsI). A special setup was used to register the light pulses produced in a crystal while it is being damaged in compression. Simultaneously with the flash, an electromagnetic pulse was produced, received by an antenna located near the deformed crystal. The hypothesis is advanced that the glow is due to the breakdown in the crystal as it is damaged. The glow was investigated in connection with the formation of cracks. It is shown that it has low intensity, is irregular, and occurs in a few special sections of the crystal cracks. The shape of the observed pulses varies greatly, and the variation in the glow intensity has no regular characteristic at all. V. Sarafanov.

SUB CODE: 20

Cord 1/1 *fr*



CA

23

Decortication of pulp wood. A. P. Ben-trushev. *Tekhnol. Nauch.-Issledovatel. Inst. Khimotprom-Tsvet. Ma-terialy* 1935, Nov. 3-4, 268-311. A discussion of the various methods of debarking pulpwood, based on for- eign and Soviet practice and literature. (has illus)

ALSO SEE: DETAILS OF RESEARCH DEVELOPMENT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ВЕНДК (HE) N.P.

ca

PROCESSING AND PROPERTIES INDEX

19

Binder for abrasive goods. A. P. Bendryshev and A. D. Shapiro. Russ. 47,467, July 31, 1936. A binder for abrasive wheels, etc., is prepd. of portland cement or alumina cement with the addn. of grains of quartz, corundum, Carborundum and similar substances with or without admn. of water glass.

439 33.6 METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100