

L 51969-65 EWR(d)/EWP(m)/EWP(w)/EWA(a) AECC EM

ACCESSION NR: AP5015605

CZ/0030/64/000/011/0334/0340

AUTHOR: Hanak, B. (Engineer)

15
B

TITLE: Characteristics of elastic elements bent into the form of an Archimedes spiral

SOURCE: Jerna mechanika a optika, no. 11, 1964, 334-340

TOPIC TAGS: pressure measuring instrument, thermometer, helical spring

Abstract: Author's Russian summary, modified The article gives an analytical examination of the deformations of an elastic element with the form of an Archimedes spiral and attached to the tubular springs of a manometer or thermometer loaded with internal pressure greater than one atmosphere, to bimetallic hands loaded by the effect of internal heating, and to strong springs loaded with the entire force and moment on the free end of the spring. Orig. art. has 5 figures, 108 formulas, 3 graphs, and 3 tables.

ASSOCIATION: Elektrode, Prague

SUBMITTED: 00

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 004

JPRS

rel
Cont 1/1

HANAK, B., inz.

Gearing in precision engineering and in the design of measuring instruments. Jemna mech opt. 9 no.4:101-104 '64.

1. Laboratorní přístroje, Prague.

51091-65 EWA(4)/EWP(v)/E/EWP(E)/EWP(R)/EWP(I) Pl-4
ACCESSION NR: AP501570 02/0030/01/030/008/0243/0248 17
B

AUTHOR: Hanak, B. (Engineer)

TITLE: Gearing in precision engineering and in the design of measuring instru-
ments

SOURCE: Jomna mechanika a optika, no. 8, 1964, 243-248

TOPIC TAGS: precision instrument industry, precision instrument machinery
Abstract [Author's English summary, modified]: The paper is a
continuation of a series of articles published in previous issues
of this periodical. The present part deals with the problem of
manufacturing involute gearing profiles for precision engineering.
Formulas and graphs are presented for determining the backlash.

Orig. art. has 5 figures, 19 formulas, and 10 graphs.

ASSOCIATION: Laboratorni pristoje, Fraga (Laboratory Instruments Plant)

SUBMITTED: 00 ENCL: 00 SUB CODE: 1E

NO REF SOV: 000 OTHER: 000 JPRS

Card 10

HANAK, Bohumil, inz.

Possibility of mechanization and automation of aerial photography.
Geod kart obzor 9 no.8:207-209 Ag '63.

1. VTOPU, Dobruska.

HANAK, B.

Hanak, B. Longitudinal stability of airplanes. (Conclusion) p. 185.
KRIDLA VLASTI. Praha. No. 8, Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. Uncl.

HANAK, B.

Hanak, B. Longitudinal stability of airplanes. (To be contd.) p. 159.
KRIDLA VLASTI. Praha. No. 7, Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. Uncl.

HANAK, B.

Hanak, B. Longitudinal stability of airplanes. (To be contd.) p. 136.
KRIDLA VLASTI. Praha. No. 6, Mar. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. Uncl.

HANAK, B., inz.

Toothings in precision mechanics and in the design of
measuring instruments. Jemna mech opt 9 no. 3:89-94
Mr '64.

1. Metra, Prague.

HANAK, B., Ing.

Gearing in precision mechanics and in the design of measuring instruments. Jemna mech opt 9 no.12:362-371 D '64.

I. laboratorni pristroje, Prague. Submitted August 6, 1964.

HANAY, H., Ind.

Characteristics of spring elements curved in the archimedian
spiral shape. (Trans. mech. inst. 9 no. 11: 334-340 1962).

1. Mechanical. Pound.

HANAK, B., inz.

Gearing in precision engineering and design of measuring instruments.
Pt. 7. Jemna mech opt 9 no.8:243-248 Ag '64.

1. Laboratorni pristroje, Prague.

HANAK, B., inz.

Gearing in precision engineering and in the design of
measuring instruments. Jemna mesh opt 9 no.6:181-185 Je '64

1. Laboratorni pristroje, Prague.

HANAK, B., inz.

Characteristics of spring elements curved to the form of
a circular arc. Jemna mech opt 7 no.4:95-100 Ap '62.

1. Metra, n.p., Praha.

HANAK, B., inž.

The theory of torsion tapes. Jemma mech opt 6 no.11:332-336 W '61.

1. Metra, n.p., Praha.

HANAK, B., inz.

The theory of torsion tapes. Jemna mech opt 6 no.10:314-320
0 '61.

1. Metra Praha.

HANAK, B. G. inz.

Contributions to the theory of pressure gauge tube springs. Jerna mezh
opt 6 no. 9-270-275 S 161.

HANAK, A.; NOVAK, I.

"Control of terrain, drainage of quarries, and reclamation work in the mining industry." p. 54.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 7, No. 2, 1955.

Monthly list of East European Accessions (EEAI), IC, Vol. 6, No. 8,
August 1959.
Uncla.

HANAK, A.

HANAK, A.; HOPEK, J. "Hydraulic engineering and sanitation in the mining industry."
Uhli, Praha, Vol 4, No 1, Jan. 1957, p. 12

SO: Eastern European Accessions List, Vol 3, No 18, Oct 1967, Lib. of Congress

HANAJIKOVA, D.

Measurement of alternating current by means of an oscilloscope.
E1 tech cas 14 no.8:506-507 '63.

HANAJKOVA, D.

Impulse method of determining the phase shifts $\varphi = 0^\circ$
and 90° . El tech cas 13 no.5:307-309 '62.

VOJTOVA, H.; KOMINKOVA, B.; HANACEK, V.

Microbiological examination of influenza complications in 1959.
Cesk. epidem. 11 no.1:28-34 Ja '62.

1. Krajska hygienicko-epidemiologicka stanice v Jihlave.
(INFLUENZA compl.)

~~SVATOPLUK HANACEK, S.~~

CZECHOSLOVAKIA/General Problems - Methodology. Scientific Institution and Conferences. Instruction. Questions Concerning Bibliography and Scientific Documentation. A-1

Abs Jour : Referat Zhur - Khimiya, No 8, 1957, 25644

Author : Svatopluk Hanacek.

Inst : Brno Farming Institute.

Title : 65th Birthday of Professor Bohumil Hospese.

Orig Pub : Sbor. Vysoke skoly zemed. a Lesn. fak. Brne, 1955, A, No 4, 269-274

Abstract : B. Hospese (born in 1890) is in charge of the chair of farming product treatment of the agricultural faculty of the Institute of Farming at Brno. He is a specialist in the sphere of ethyl alcohol and starch manufacture.

A list of most important works is contained.

Card 1/1

- 7 -

HANACZEK, S.

"Processing Losses in Potato-Starch Plants and a Method of Their Calculation." Tr.
from the Czech. p.276
(PRZEMYSŁ ROLNY I SPOZYWCZY Vol. 7, no. 8, August 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

145070-65

ACCESSION NR: AP5014327

ASSOCIATION: NIKK, Ostrava

SUBMITTED: 00

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: MN, IE

JPRS

Card 2/2

L 450/0-65 EWR(L)/7 273

ACCESSION NR: AP5014327

C2/0057/64/000/008/0304/0389

AUTHOR: Hanacek, Zdenek; Radek, Bohumlav; Adamek, Ladislav

TITLE: Some improvements in refractory lining of furnaces

SOURCE: Hutnik, no. 8, 1954, 384-389

TOPIC TAGS: refractory coating, industrial furnace

Abstract: The authors describe the modifications used in lining furnaces at Klement Gottwald works. The time scheduling of the work is discussed, the cost of repairs and the desirable timing of repair work is reviewed. The amount of bricks required and the productivity of the bricklayers are discussed. Vault work in channels is shown, and schematic pictures of lining given. The total time spent on bricking repairs in authors works is reviewed. The average age of lining is discussed (in '63 it was 9 - 10 years). Places where the bricking life is limited are described. Materials for lining in Czechoslovakia are not as good as in most developed countries; productivity of bricklayers is however of the highest standard. Orig. art. has 5 figures and 3 tables.

Card 1/2

15
14
B

FAIT, Jan; HANA, Vaclav, dr.

Use of technical standards of output for saving electric power in papermaking. Papir a celuloza 18 no.9:185-187 S '63.

1. Ministerstvo chemickeho prumyslu, Praha.

STYK, B.; HANA, L.; KOCISKOVA, D.; RATHOVA, V.

Chromatography of guinea pig complement and serum cofactor on
Sephadex G-200. Acta virol. (Praha) [Eng.] 8 no.3:283 My'64

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

STYK, B.; HANA, L.

Interaction of myxoviruses with dextran sulfates. I. Co-factor-like and haemagglutination inhibiting activities of some dextran sulfates. Acta virol. (Praha) [Eng.] 8 no.3: 200-207 My'64

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

STYK, B.; HANA, L.

Cofactor and specific antibodies against influenza viruses.
X. Formation of 19S and 7S type influenza antibodies in
young and adult rabbits and in roosters; the role of anti-
body cofactor. Acta virol. (Praha) [Eng] 9 no.3:200-209
My'65.

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

STYK,B.; HANA,L.

Cofactor and specific antibodies against influenza viruses.
IX. Formation of 19S and 7S type influenza antibodies in white
mice; the role of "antibody cofactor". Acta virol.(Praha)
[Eng.] 9 no.2:109-118 Mr'65.

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

STYF, E.; KOMISHIWA, O.; HAPA, L.

Cofactor and specific antibodies against influenza virus,
VIII. On the different nature of antibody cofactor and
complement. *J. Virol.* (Prague) 8 no. 2:191-200 (1967)

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

STYK, E., LINK, P., HANA, L., ALBRECHT, P.

Interaction of myxoviruses with dextran sulfate. III.
Ineffectiveness of dextran sulfate in experimental influenza
infection of white mice. Acta virol. (Praha) [Eng.] 8 no.4:
377-384. J1 '64.

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

STYK, B.; ZAVADA, J.; HANA, L.

The role of nonspecific serum factors in the antibody response to the phi-chi 174 bacteriophage. Folia microbiol. (Praha) 9 no.5:263-268 S '64.

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

VILCEK, J.; TOMISOVA, J.; SOKOL, F.; HANA L.

Concentration and partial purification of interferon from mouse brains. Acta virol (Praha) [Engl] 8 no.1:76-9 Ja'64.

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

*

STYK, B.; HANA, L.; RADA, B.

Antiviral and cofactor-like activities of some dextran sulfates. Acta virol. (Praha)[Eng] 7 no.5:480 S '63.

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

(DEXTRAN) (HEMAGGLUTINATION INHIBITION TESTS)
(PHARMACOLOGY) (INFLUENZA VIRUSES)
(NEWCASTLE DISEASE VIRUS) (MUMPS VIRUS)
(MYXOVIRUS)

STYK, B.; HANA, L.

Peculiarities of certain components of newborn pig serum. Acta virol. 7 no.3:285 My '63.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(BLOOD CHEMICAL ANALYSIS) (BLOOD PROTEINS) (SWINE)
(ANIMALS, NEWBORN) (MATERNAL-PETAL EXCHANGE)
(BLOOD COAGULATION) (ANTIVIRAL AGENTS)

HANA, L.; STYK, B.

Characterization of antibodies, cofactor and nonspecific viral inhibitors on Sephadex G-200. Acta virol. Engl. Ed. Praha 6 no.5: 479 S '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(ANTIBODIES)

STYK, B.; HANA, L.; FRANEK, F.; SOKOL, F.; MENSIK, J.

Investigations of cofactor and influenza antibodies by density gradient zonal centrifugation. Acta virol. Engl. Ed. Praha 6 no.5:478 S '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava;
Institute of Microbiology, Czechosl. Acad. Sci., Praha; and Research
Institute of Veterinary Medicine, Brno.
(INFLUENZA immunol.) (ANTIBODIES)

1

HANA, L.; STYK, B.

An attempt to differentiate beta-inhibitor from cofactor occurring in bovine serum. *Acta virol. (Praha)*[Eng]6 no.1:77-83 Ja '62.

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

(INFLUENZA VIRUSES) (HEMAGGLUTINATION)

STYK, B.; MENSIK, J.; STERZL, J.; HANA, L.; BORECKY, L.

Cofactor and specific antibodies against influenza viruses. VI. The relationship of cofactor to the so-called natural antibodies as revealed by a study of sera from newborn piglets. *Acta virol.* 6:519-523 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava; Research Institute of Veterinary Medicine, Brno; Institute of Microbiology, Czechoslovak Academy of Sciences, Praha.

(INFLUENZA VIRUSES) (HEMAGGLUTINATION INHIBITION TESTS)

STYK, B.; HANA, L.

Cofactor and specific antibodies against influenza viruses. V.
Interaction of cofactor with antibody and virus studied in
adsorption experiments. Acta virol. 6:508-518 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(INFLUENZA VIRUSES) (HEMAGGLUTINATION INHIBITION TESTS)

BORSECKY, L.; RATHOVA, V.; KOCISKOVA, D.; HANA, L.

Effect of D-1 ethionine on some factors of nonspecific resistance
to myxoviruses. J. hyg. epidem. 6 no.1:65-70 '62.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(VIRUSES immunol) (ETHIONIN. pharmacol)

SOKOL, F.; HANA, L.; ALBRECHT, P.

Quantitative determination of 1-dimethylaminonaphthalene-5-sulfonic acid and protein in labeled γ globulin. Folia microbiol 6 no.3: 145-150 '61. (EEAI 10:8)

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

(GAMMA GLOBULIN) (DIMETHYLAMINONAPHTHALENE SULFONIC ACID)
(PROTEINS)

STYK, B.; HANA, J.

Cofactor and specific antibodies against influenza viruses. II. The effect of substances destroying nonspecific inhibitors on the cofactor and on specific A₂ antibodies. Acta virol. Engl. Ed. Praha 5 no. 6: 342-350 N '61.

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

(INFLUENZA immunol) (HEMAGGLUTINATION)

HANA, L.; KRIZANOVA, O.; STYK, B.; SOKOL, F.

Some data on the nature of the cofactor enhancing the activity of imperfect antibodies against A2 influenza virus strains. Acta virol. Engl. Ed. Praha: 5 no. 5: 325 S '61.

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

(INFLUENZA VIRUSES immunol)

BORECKY, L.; KOCISKOVA, D.; HANA, L.

An attempt to affect the level of serum inhibitors of myxoviruses in vivo. I. Effect of ethionine administration on the level of inhibitors in guinea pig sera. Acta virol. Engl.Ed.Praha 5 no.4:236-244 J1 '61.

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

(VIRUS DISEASES immunol) (ETHIONINE pharmacol)

STYK, B.; HANA, L.

The effect of inhibitor-destroying substances on the cofactor and specific antihaemagglutinins against A₂ influenza virus. Acta virol. Engl.Ed.Praha 5 no.3:194 My '61.

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

(INFLUENZA immunol)

HANA, L.; STYK, B.

Lipoids as inhibitors of haemagglutination-inhibiting activity against "Avid" strains of A₂ influenza. Acta virol. Engl. Ed. Praha 5 no. 3:190-192 My '61.

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

(INFLUENZA VIRUSES immunci)

REHACEK, J.; HANA, I.

Notes on tick tissue cultures. Acta virol. Engl. Ed. Praha 5 no.1:
57-58 Ja '61.

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

(TICKS)

(TISSUE CULTURE)

KOCISKOVA, D.; STYK, B.; HANA, L.; technical assistance: VANCO, K.;
ZAHUMENSKA, B.

The relation of properdin and complement to the thermolabile cofactor of normal serum necessary for the reaction of specific antibody with influenza A2 virus. Acta virol. Engl. Ed. Praha 5 no.1: 19-25 Ja '61.

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

(INFLUENZA VIRUSES immunol)
(COMPLEMENT)
(PROPERDIN)

HANA, L.; STYK, B.

Influence of delipidisation on the haemagglutination inhibiting activity of rat serum against influenza type C viruses. Acta viro 1. Engl.Ed.Praha 4 no.6:392-393 N'60.

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

(INFLUENZA immunol)
(HEMAGGLUTINATION)

STYK, B.; HANA, L.

Investigations into specific antibodies against A2 influenza viruses and the thermolabile co-factor by means of paper electrophoresis. Acta virol Engl. Ed. Praha 4 no.6:365-370 N'60.

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

(INFLUENZA VIRUSES immunol)

HANA, L.; STYK, B.; KOCISKOVA, D.

Estimation of the distribution and the character of inhibitors against "Avid" A2 influenza virus strains in protein fractions of guinea pig and horse sera obtained by paper electrophoresis. Acta virol. Engl. Ed. Praha 4 no. 6: 356-364 N° 60.

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

(INFLUENZA VIRUSES immunol)

HANA, L.

RATOVA, V. [Ráthová, V.]; KOCHISHKOVA, D. [Kocišková, D.]; SANTO, Ya. [Szántó, J.]; LAUCHIKOVA, O. [Lauciková, O.]; GANA, L. [Hána, L.]

Some properties of the virus-neutralizing factor of normal animal sera. Vop.virus. 4 no.6:717-723 N-D '59. (MIRA 13:3)

1. Institut virusologii Chekhoslovatskoy akademii nauk, Bratislava.
(VIRUSES)
(IMMUNITY)

HATA, S.; ANTONI, F.

Study of the thermal denaturation of the serum proteins in humans and other primates by means of paper electrophoresis.

1. Jl (Czechoslovakian Biologie) Vol. 6, No. 3, July 1951. Praha, Czechoslovakia.

2. Monthly index of Syst. European Accessions (LNA) 19, Vol. 7, No. 1, Jan. 1951.

HANA, Jaroslav

The Soviet scientific literature and Czechoslovakia. Vestnik CSAV
71 no.4:469-472 '62.

HANA, J.

"Factory With Fulfilled Work Pledges", P. 6, (TECHNICKE NOVINY, Vol. 2,
No. 10, May 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

HANA, J.

The number of best workers increases. p. 99.
STROJIRENSKA VYROBA, Prague, Vol. 2, no. 3, Mar. 1954.

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

KLENKA, L. doc. dr.. CSc. (Praha 1, Uvoz 5); HANA, I.; KOLECKAROVA, M.

Eye complications in Bekhterev's disease. I. Allergy to
Streptococcus. Cas. lek. cesk. 104 no.25:691-697 25 Je'65.

1. Očni oddeleni fakultni polikliniky v Praze (vedouci: doc. dr.
L. Klenka, CSc.); Ustav epidemiologie a mikrobiologie v Praze
(zastupující reditel: MUDr. L. Syruček, CSc.) a Alergologické
oddeleni fakultni polikliniky v Praze (vedouci: MUDr. K. Lisková).

CZECHOSLOVAKIA

HANA, Ivo

Institute of Epidemiology and Microbiology (Ustav
epidemiologie a mikrobiologie), Prague

Prague, Vnitřní Lekarství, No 3, 1963, pp 228-233

"Contribution to the Problem of Experimental Studies
of the Pathogenetic Significance of Auto-
Antibodies, Particularly in Respect to Sequelae
of Streptococcal Infections."

PECENKA, J.; IZBICKY, A.; HANA, I.

On the question of using hyperimmune equine serum in the prevention of influenza. Cesk. epidem. mikrob. imun. 8 no.1:9-12 Jan 59.

1. Ustav epidemiologie a mikrobiologie v Praze. J. P., Praha 12, Srobarova 48.

(INFLUENZA, prev. & control

immun. by hyperimmune horse serum (Cz))

(IMMUNE SERUMS, ther. use

hyperimmune horse serum in prev. of influenza (Cz))

HANA, L.

HANA, I.; STYK, B.

Some properties of influenza C virus Haemagglutination inhibitor from rat serum. Acta virol. Engl. Ed., Praha 3 (Supplem.):85-90
1959.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.
(INFLUENZA VIRUSES, immunology)

PECENKA, J.; SEVRNOVA, K.; HANA, I.; IZBICKY, A.; RUMOVA, B.; MARKVART, O.;
LOUDA, L.; HARTEL, Z.; REJCEK, J.; KLEINBAUER, V.

Evaluation of influenza vaccine. Cesk. epidem. mikrob. imun. 7 no.6:365-
373 Nov 58.

1. Ustav epidemiologie a mikrobiologie v Praze-Zdravotnicka sprava min-
isterstva narodni obrany. i. hyg. epidemiologicky odidil cs. lid armady -
Krajaka hyg. epid. stanice v Gottwaldove -- Krajaka hyg. epid. stanice v
Pardubicich. J. P. Praha 12 Srobarova 48.

(INFLUENZA, prev. & control
vaccine evaluation (Cz))

HANA, Ivo (Srobarova 48, Praha 12)

Autoantibodies against myocardium in rabbits treated experimentally with streptococci or with their products. Cesk. epidem. mikrob. imun. 7 no.6: 387-395 Nov 58.

1. Ustav epidemiologie a mikrobiologie v Praze.

(STREPTOCOCCAL INFECTIONS, immunol.

autoantibodies against myocardium in rabbits (Cz))

(ANTIBODIES

autoantibodies against myocardium in rabbits treated with streptoc. (Cz))

HANA, Ivo

Antimyocardial autoantibodies in rabbits treated experimentally with streptococci or with their products. J. Hyg. Epidem., Praha 2 no.4: 502-504 1958.

1. Institute of Epidemiology and Microbiology in Prague. Dr. Ivo Hana, Ustav epidemiologie a mikrobiologie, Srobarova 48, Praha 12, Czechoslovakia.

(STREPTOCOCCUS,

beta hemolytic, prod. of antimyocardium auto-antibodies by streptoc. & streptoc. prod. in animals)

(ANTIBODIES,

antimyocardium auto-antibodies, prod. by beta hemolytic streptoc. & streptoc. prod. in animals)

(HEART,

same)

HAN, Z.

10 years of the activity of the Institute of Building Construction,
1945-1955. p. 213

Vol. 12, no. 6, June 1955
INZYNIERIA I FUDOWNICTWO
Warszawa

Source: Monthly List of East European Accessions (EMAL), LC, Vol. 5, no. 2
Feb. 1956

HAN, Z.

Conference of the Polish Academy of Sciences concerning prefabrication.
p. 212

Vol. 12, no. 6, June 1955
INZYNIERIA I BUDOWNICTWO
Warszawa

Source: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

HAN Z.
Polish Technical Abst.
No. 1 1954
Building Industry and
Architecture

2860
624.024.91.014.004.18 : 691.632 : 691.328.3
✓ Han Z. The Problem of Eliminating Steel-Purlins from Industrial
Steel Constructions.

„Zagadnienie wyeliminowania płatwi stalowych z przemysłowych konstrukcji stalowych”. Inżynieria i Budownictwo. No. 4, 1953. pp. 116—118, 4 figs., 1 tab.

In order to achieve savings in profiled steel, precast, reinforced concrete elements supported by the top flange of steel girders were used instead of steel purlins. By this method great savings were effected, as well as an increase in speed and ease of installation.

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L 25746-66

ACC NR: AP5027106

the region of instability; 2) voltage changes due to overregulation of excitation, taking into account the effects of the exciter time constant and the voltage regulator time constant; 3) regulation with consideration of first and second derivatives of voltage variation and their effects; 4) regulation including the combined effects of both voltage and current and their derivatives; 5) analysis of several types of regulation and their efficacy. The authors conclude that 1) Voltage regulation by the proportional method has fixed limits on account of the effect of the damping torque of the exciter or the regulator. 2) The proportional method is more suitable when the exciter time constant is small and an attempt is made to reduce the regulator time constant. 3) The introduction of the first and second voltage derivatives for voltage regulation is necessary in principle and produces greater regulation stability. This method has definite advantages when the exciter time constant is large. 4) Electronic regulation, in which the field excitation of the exciter or alternator is directly controlled, has special advantages if the time constant is comparatively small. 5) Increase of the voltage variation amplification coefficient also increases the alternator synchronous torque; damping torque will then decrease, but following the decrease of the regulator time constant, both synchronous and damping torque will increase. Thus, the second derivative introduces a large increase of system damping torque which effectively reduces system oscillation and produces greater stability. Orig. art. has: 11 formulas, 17 figures, and 1 appendix.

SUB CODE: 09/ SUBM DATE: none

Card 2/2 BK

I 25746-66 EWT(d)/FCC/EWP(n)/EEG(d)/EWP(1) IJP(c) BC

ACC NR: AP5027106

SOURCE CODE: CH/0132/64/000/001/0001/0014

AUTHOR: Han, Shuo (7281/2592); Ch'en, Ch'ing-chu (7115/1987/3796); Chou, Shih (0719/6684) 57

ORG: Electrical engineering institute, Chinese academy of sciences (Chung-kuo k'o hsueh yuan Tien kung yen chiu so) B

TITLE: Analysis of excitation regulation in accordance with overamplification in load variations 9

SOURCE: Tien chi kung ch'eng hsueh pao, no. 1, 1964, 1-14

TOPIC TAGS: voltage regulation, automatic regulation, voltage stabilization, voltage amplifier

ABSTRACT: The authors present a graphic analysis of the stability of an electric system on the basis of the overamplification coefficient of voltage variation. Voltage regulation of synchronous machines is conventionally accomplished by automatic regulation of excitation, and individual operating stability affects the stability of the electric power system. Voltage can be regulated by a direct-acting voltage regulator or by proportional regulation. The variable factors affecting system stability are changes of voltage, current, frequency, and power factor, and the introduction of their derivatives. The authors studied the following aspects of excitation regulation: 1) regulation on the basis of voltage changes, with graphic study of the significance of 2

Card 1/2

HAN, Suleima, ins.

Sixth Floor, Room 601, Ministry of Defense
Electronics, Hanoi, Vietnam

1. Senior Technician, Radio Frequency Section of 601.

HAN, Stjepan, samostalni savetnik

Social and economic importance of the scientific and technical culture. Tesla 9 no.3:11-20 '62.

1. Savezno izvrsno vece, Sekretarijat za rad, Beograd.

11, 11. The World Power Conference, p. 1001.

Vol. 13, No. 11, 1966.

TRINITE.

TRINITE.

Belograd, Yugoslavia

to: East European accession, Vol. 6, No. 7, February 1959

HAN, S.

Importance of electric power for economic development
of Yugoslavia, p.655. TEHNIKA (Savaz inzenjeri tehnicara
Jugoslavije) Beograd. Vol. 11, no. 5, 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

HAN, S.

"Labor productivity in the textile industry of Yugoslavia."

p. 121 (Tekstilna Industrija) Vol. 4, no. 4, April 1956
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, no. 4,
April 1958

HAN, S.

POLAND / Radiophysics

I

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9933

Author : Han, S., Sosnowski, A.

Inst : Not given

Title : Modulator for Frequency Modulation Broadcast Transmitters

Orig Pub : Prace Przemysl. inst. telecomm. 1956, 7, No 19, 33-34

Abstract : The authors consider the problems in the construction of a modulator for fm transmitters in the range from 87.5 to 100 Mc. Two modulator circuits are described. The first circuit employs two series-connected modulators, while the second employs a two-channel push-pull modulator. This circuit is more complicated and was constructed for experimental purposes.

Card : 1/1

KHAN, Geza [Han, Geza], doktor

Public health statistics in the Hungarian People's Republic.
Zdrav.Ros.Feder. 6 no.12:26-29 D '62. (MIRA 16:1)

1. Nachal'nik otdela statistiki Ministerstva zdravookhraneniya
Vengerskoy Narodnoy Respubliki.
(HUNGARY--PUBLIC HEALTH--STATISTICS)

WALSZTEIN, Z., inż. gornik; HAN, F., inż. gorn.; BAJER, Michal, mgr., inż.

Abutment support in the collieries of the Karaganda Coal Basin.
Przełł gorn 17 no.11:588-594 N '61.

1. Redaktor Wydawnictwa "Przełład Gorniczy" (for Bajer).

HAN, E.; COSCODAM T.

"Ways of cost price reduction of construction and assembling work" by Cornel V. Olariu. Reviewed by E. Han, T. Coscodan. Probleme econ 16 no.8:145-149 Ag'63.

L 25747-66

ACC NR: AP5027786

Gears are made of steel alloys containing Mo or Ni-Cr. A large clearance provided between teeth serves the purpose of maintaining a sufficient oil film to reduce impact and noises. The helix angle is 20—25° for herringbone gears and 10—15° for bevel gears. Vibrations and noises can be eliminated by reducing the number of teeth to a minimum 25. Production procedures of high-speed round-tooth gears follow the same processes in involute gear manufacture. For small gears requiring a hardness of H_B285—311, 35CrMoA steel blanks are quenched at 840—860C in water and then in oil, and annealed at 500—550C. For large gears requiring a hardness of H_B255—277, the blanks are quenched at 840—860 in water and oil, and annealed at 530—560C. Tests showed that round-tooth gears meet the reliability requirements in fatigue tests. Orig. art. has: 2 figures and 7 tables.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 C.C.

L25747-66 EWP(c)/EWP(k)/EWT(d)/EWT(m)/ETC(m)-6/ECC/T/EWP(l)/EWP(f)/EWP(v)/EWP(n)

ACC NR: AP5027786

DJ

SOURCE CODE: CH/0107/65/000/007/0007/0011

AUTHOR: Han, Chun-chi (7281/0689/1569)

57
B

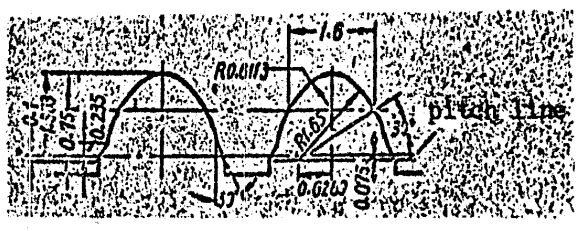
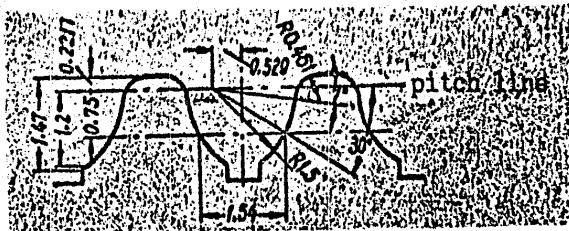
ORG: Hangchow turbine machinery plant (Hang-chou t'ou p'ing chi hsieh ch'ang)

TITLE: Design and production of high-speed round-tooth gears ||^y

SOURCE: Shang hai chi hsieh, no. 7, 1965, 7-11

TOPIC TAGS: transmission gear, turbine, turbine design, round tooth gear

ABSTRACT: The author describes the use of round-tooth gears (see Fig. 1) in high-speed turbines at the Hangchow Turbine Machinery Plant (Hang-chou t'ou p'ing chi hsieh ch'ang).



a) Convex tooth profile ($m_n = 1$)

b) Concave tooth profile ($m_n = 1$)

Fig. 1. Round-tooth gears

2

HAN, Antun

The nature of post-irradiation growth of animal cells exposed to x-rays. Vojnosanit. pregl. 20 no.9:565-571 S '63.

1. Institut "Ruder Boskovic", Zagreb, Radiobioloski odjel.

S

PETROVIC, D.; BRDAR, B.; MILETIC, B.; HAN, A.

Effect of chloramphenicol on the division and survival of
L-strain cells in culture. Vojnosanit.pregl. 20 no.12:
752-757 D'63.

1. Institut "Ruder Boskovic", Zagreb, radiobioloski odjel.

*

MILETIC, B.; HAN, A.; BRDAR, B.; PETROVIC, D.

Quantitative analysis of the survival of animal cells following
x-irradiation. Vojnosanit. pregl. 20 no.8:489-494 Ag '63.

1. Institut "Ruder Boskovic" u Zagrebu. Radioloski odjel.
(RADIATION EFFECTS) (TISSUE CULTURE)
(CYTOLOGY)

S

MILETIC, B.; PETROVIC, D.; HAN, A.; BRDAR, B.

Morphological changes produced by x-rays on animal cells in tissue cultures. Vojnosanit. pregl. 20 no.7:415-419 JI '63.

1. Institut "Ruder Boskovic" u Zagrebu, Radioloski odjel.
(RADIATION EFFECTS) (TISSUE CULTURE)
(CYTOLOGY)

S

HAN, A.; MILETIC, B.; PETROVIC, D.

Characteristics of the growth of L-strains "in vitro".
Vojnosanit. pregl. 20 no.6:335-340 Je '63.

1. Institut "Ruder Boskovic" u Zagrebu, Radiobioloski odjel.
(BACTERIOLOGICAL TECHNICS)

5

HAMZUKA, B.

TECHNOLOGY

Periodical: POZEMNI STAVBY. Vol. 6, no. 10, Oct. 1958.

HAMZUKA, B.; RADA, V.; RYBAR, B. Typification and unification of elements and structures of building fittings. p. 595.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

HAMZUKA, B.

Use special measures to create advantageous conditions for constructions to be completed during the winter season, p. 299, POZEMNI STAVBY, (Ministerstvo stavebnictvi) Praha, Vol. 3, No. 8, Aug. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No 12, December 1956

HABRUKA, B.

Planning the work on unfinished housing construction to be completed during
the winter. p. 2/2.

Vol. 2, no. 3, Sept. 1954
POZEMNI STAVBY
Praha, Czechoslovakia

Source: East European Accession List, Library of Congress
Vol. 5, No. 3, August 1956

HAMZUKA, B.

Ways in which technical personnel in construction can contribute to fulfillment of the government resolution on reduction of supplies of materail exceeding the norms. p. 255.
(POZEMNI STAVBY, vol. 2, no. 8, Aug. 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

HAMZOVA, E.

Combined rehabilitative treatment of scoliosis patients selected for surgical treatment. Acta chir orthop trauma cech 30 no. 1:72-74 F '63.

1. Ortopedická klinika lékařské fakulty JHEvP v Brně, přednosta prof. dr. H. Janeczek.
(SCOLIOSIS) (REHABILITATION)

HAMZOVA, E.

Basic methodological approach to rehabilitation therapy of spinal defects. Acta chir. orthop. traum. cech. 29 no.4:342-347 Ag '62.

1. Ortopedicka klinika fakulthni nemocnice v Brne, prednosta prof.dr B. Frejka, DrSc.

(SCOLIOSIS) (EXERCISE THERAPY)

PANZIC, A.

"The organization of work in the construction of wooden bridges."

p. 925 (Vojno-Tehnicki Glasnik) Vol. 5, no. 12, Dec. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958

HAMZAL, J.

Global war or world peace. p. 264. (Kridla Vlasti, No. 9, Apr 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957, Uncl.

63292-65

ACCESSION NO: AP5020871

SUBMITTED: 00

ENCL: 00

SUB CODE: NM, AS

NO REF SOV: 001

OTHER: 010

JPRS

see ref. making

Card

2/2

63291-65 BIP(b)/EPI(t) JD

CZ/0034/64/000/010/0693/0698 13

ACCESSION NR: AP5020571

AUTHOR: Barok, Milan (Engineer); Gottfried, Kamil (Engineer); Hamza, Z. (Engineer)

TITLE: Balanced steel deoxidized in the ingot mold. Part II. Properties of steel

SOURCE: Hutnicke listy, no. 10, 1964, 693-698

TOPIC TAGS: steel, cast steel, metal test, tensile stress, pipe, fabricated structural metal

ABSTRACT: An attempt is made to determine the segregation degree of balanced steel billets. Discussed is the scattering of values in tensile tests of tubes and strips made of balanced steel, and minimum segregation and dispersion of the tensile test values is found. A comparison of transition temperatures, aging, and weldability showed that balanced steel resembled rimming steel grades, and may be used as its substitute. It can replace killed steel only in exceptional cases. Orig. art. has: 6 graphs, 1 figure, 4 tables.

ASSOCIATION: Vyskumny a zkusebni ustav NHRG, Ostrava-Kuncice (Research and Testing Institute NHRG)

Card 1/2

E 63303-65

ACCESSION NR: AP90208-0

ASSOCIATION: Vyzkumny a skusebni ustav NHRG, Kuncice (Research and Control
Institute, NHRG)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 004

JPRS

Card ¹⁶ 2/2