

HERDA, Miroslav, inz.; JANUSKA, Frantisek, inz.

Technical and economic evaluation of the construction and operation of Czechoslovak coking plants. Hut listy 16 no.10:723-729 0 '61.

1. Hutni projekt, Mistek.

L 00280-66 EWT(1)/EPF(n)-2/EED(b)-3/ETC(m) IJP(c) <sup>WW</sup>  
ACCESSION NR: AP5023912 CZ/0039/64/025/009/0505/0508

AUTHOR: <sup>44, 56</sup> Januska, Ivo (Engineer, Candidate of sciences); <sup>44, 55</sup> Kolner, Felix (Engineer, Candidate of sciences)

TITLE: Development of <sup>21, 44, 55</sup> acoustics in Czechoslovakia during the five years of activities of the acoustics commission

SOURCE: Slaboproudny obzor, v. 25, no. 9, 1964, 505-508 <sup>50</sup>  
<sup>B</sup>

TOPIC TAGS: acoustics, acoustic conference

ABSTRACT: A brief history is presented of the Acoustics Commission at the Czechoslovak Academy of Sciences. A survey is made of the main acoustic fields and problems studied during the past five years: physical acoustics, physiological and psychophysiological acoustics, space acoustics, construction acoustics, noise acoustics, ultrasonics, and acoustics of the language.

ASSOCIATION: Akusticka komise CSAV, Prague (Acoustics Commission CSAV) <sup>44, 55</sup>

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L 00280-66

ACCESSION NR: AP5023912

SUBMITTED: 23Mar64

ENCL: 00

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NR REF SOV: 000

OTHER: 000

JPRS

*JL*  
Card 2/2

JANUSKA, J.; PELC, J.; STROBL, K.

A float air device with commanding attachment. Jeman mech. opt  
6 no.12:376-379 D '61.

1. Somet n.p.

S/194/62/000/012/014/101  
D201/D308

AUTHORS: Januška, Josef and Štrobl, Květoslav

TITLE: A switch-operated pneumatic transducer for testing dimensions.

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 25, abstract 12-2-50 d (Automatizace, v. 5, no. 4, 1962, 107-108 (Czech.))

TEXT: The displacement of the membrane of a differential manometer is detected by a connecting rod which sequentially closes the contacts of an 8-track switching spiral. The above contacts are connected in the grid circuits of vacuum tubes, which conduct when the corresponding contact is closed. The signal relays are in the tube anode circuits, with sequential closing of contacts the anode circuit of each preceding tube is opened by the contact of the signal relay of the next tube. The anodes are connected to an a.c. supply. To avoid bouncing the relay windings are shunted by condensers. Since the switching spiral current is limited to 0.1 mA,

Card 1/2

JANUSKA, Josef; FELC, Jaroslav; STROBL, Kvetoslav

A typified multidimensional hole checking equipment. Stroj vyr  
10 no.7:349-351 '62.

1. Somet, n.p., Teplice.

DRAHNY, MILOS; JANUSKA, Karel; LEHL, Pavel; NOVAK, Stanislav; BARTL, Josef; BOHAL, Ladislav; HAVLICEK, Rostislav; KORINEK, Stanislav.

Optimization of parameters of a nuclear power station with heterogeneous heavy water reactor on  $CO_2$ -cooled natural uranium. JADERNA ENERGIE 10 no.7:254 J1'64.

1. Research Institute of Power Engineering, Prague (for Drahny, Januska, Lehl, Novak, Bartl). 2. State Institute Energoprojekt, Prague (for Bohal, Havlicek, Korinek).

JANUSKA, K.

Calculation of thermal cycles on automatic digital computers.  
Bul EGU no. 2:28-31 '64.



BOHAL, Ladislav; DRUHNY, Miroslav; HAVLICEK, Rostislav; JANISKA, Karel

Methods of optimization of parameters of nuclear power plants with heavy water gas-cooled reactors. Jaderna energia 10 no.12: 434-458 D 1964.

1. State Design Institute Energoprojekt, Prague (for Bohal and Havlicek). 2. Research Institute of Power Engineering, Prague (for Druhny and Janiska).

JANUSKIS, V.

[Along the roads of Southern Siberia] Pietu Sibiru. Vilnius,  
Valstybine polit. ir mokslines lit-ros leidykla, 1963. 71 p.  
[In Lithuanian] (MIRA 18:1)

HORSKI-HORONCZYK, Stanislaw; JANUSZ, Antoni; KROLIKOWSKA, Wieslawa

A case of bilateral underdevelopment of the quadriceps femoris.  
Neurol. neurochir. psychiat. pol. 12 no.5:777-779 '62.

1. Z Kliniki Chorob Nerwowych AM w Lodzi Kierownik: prof. dr nauk  
med. E. Herman.

(MUSCULAR DISEASES) (THIGH)

JANUSZ, Andrzej, mgr., inz.

Electric traction in the Krakow District Administration of  
State Railroads. Przegl kolej elektrotechn 13 no.7:202-205  
'61.

MURAWSKI, Wilhelm; JANUSZ, Jan

Increased productivity of a pug mill producing tile drains  
of 100 mm diameter. Energetyka przem 10 no.3:105-106 '62.

1. Grudziadzkie Zaklady Ceramiki Budowlanej.

BADURA, Stanislaw, mgr inz.; FIRGANEK, Boleslaw, mgr inz.; JANUSZ,  
Jerzy, mgr inz.

Surge burkers at loading stations. Przegl gorn 20 no.10:  
496-501 0 '64.

BADURA, Stanislaw, mgr inz.; FIRGANEK, Boleslaw, mgr inz.; JANUSZ, Jerzy,  
mgr inz.

Intersoperational storing bunkers for underground mine transport.  
Glew inst gorn prace no.352/360:259-267 '64.

1. Central Mining Institute, Katowice.

BADURA, Stanislaw, mgr inz.; FIRGANEK, Boleslaw, mgr inz.; JANUSZ, Jerzy,  
mgr inz.

Balancing containers in the main underground transport. Wiadom  
gorn 16 no.3:84-88 Mr '65.



*JANUSZ, MAJCHER*

POLAND/Radio Physics - Radio Frequency Measurements

I-7

Abs Jour : Ref Zhur - Fizika, No 4, 1958, No 8967

Author : Majcher Janusz

Inst : Not Given

Title : Modern Methods in Measurement of Time and Frequency

Orig Pub : Zesz. probl. nauki polsk., 1957, No 11, 166-176

Abstract : No abstract

Card : 1/1

*JANUSZ MAJ.*

POLAND/Chemical Technology - Chemical Products and Their Application, Part 4. - Cellulose and its Derivatives, Paper.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619520004-4

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 48975

Author : Janusz Maj.

Inst :

Title : Birch Wood as Raw Material of Cellulose-Paper Industry.

Orig Pub : Przegl. papiern., 1957, 13, No 5, 136-139

Abstract : A review (structure, chemical composition, peculiarities of processing by the sulfite, sulfate and moist methods). Bibliography with 17 titles.

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JANUSZ, T.

"Coefficient of compactness." p. 45 (Przemysl Wlokienniczy, Vol. 7, No. 2, Feb. 1953, Lodz)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.  
1954, Uncl.

JANUSZ, T.

2850. USE OF POLYAMINE FIBRES IN PRODUCTION OF CONVEYOR BELTS FOR  
THE (COAL) MINING INDUSTRY. JANUSZ, T. (Inst. Ind. Chem. Univ. Inst.  
Tech. Warsaw, Poland) (1971, 9-11).

JANUSZ, T.

4063

677.474.772 : 622.067

Janusz T. Polyamide Fibres as Raw-Material for the Production of Conveyor Belts for the Mining Industry.

„Zastosowanie włókien polamidowych do produkcji taśm transportowych dla górnictwa”. (Prace Inst. Włókien, No. 15), Warszawa, 1946, WPLIS, 6 pp., 4 figs., 5 tabs.

The paper describes a method of determining the technical properties of conveyor-belt fabrics on the polyamide-fibres basis. Formulas are given for planning conveyor-belt fabrics of a required toughness, together with a formula for calculating the tenacity-factor of the „Niles”-type hook-coupling, and calculations, and descriptions of laboratory samples of belt-fabrics and belts. On the basis of results of laboratory tests, a sample of the best variant of the fabric was produced on a semitechnical scale. The paper quotes conditions for, and a description of, production on a semitechnical scale, and results of tests of actual performance in coal-mines. Measurements and observations served as a basis for the descriptions.

MT

JANUSZ, T.

Applying polyamide fibers to the production of dialytic textile fabrics;  
Biuletyn Wlok.

p. 21  
Vol. 8, no. 5, Sept./Oct. 1954  
PRZEMYSŁ WŁOKIENNICZY  
Lodz

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

JANUSZ, T.

A new textile fabric for the printing industry. Biuletyn Wlok.

p. 21  
Vol. 8, no. 5, Sept./Oct. 1954  
PRZEMYSŁ WLOKIENNICZY  
Lodz

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

JANUSZ, T.

A new type of fabric for the rims of automobile tires. Biuletyn Wlok.

p. 12 (Przemysl Wlolienniczny. Vol. 10, no. 6, June 1956. Lodz, Poland)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,  
February 1958

SECRET



Country : POLAND H  
Category : Chemical Technology. Chemical Products (Part 4).  
Artificial and Synthetic Fibers  
Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25687  
Author : Janusz, T.  
Institut. : -  
Title : Fabrics from Viscose Fibers for Automobile Tires  
Orig Pub. : Przegl. włokienn., 1958, 12, No 3, 129-136  
Abstract : No abstract.

Card: 1/1

SALAMON, Ferenc, inz.; JANUSZ, T. [translator]

Photometric measurements applied in kinematic and dynamic testing of weaving machinery. Przegl włokien 16 no.7/8:401-405 J1-Ag '62.

1. Instytut Naukowo-Badawczy Przemysłu Włokienniczego, Budapest (for Salamon).

JANUSZ, ~~Tomasz~~

Polyalcohol vinyl fibers and technology of their processing  
by the cotton method. Przegl włokien 16 no.9:458-460  
S '62.

1. Instytut Włokiennictwa, Lodz.

JANUSZ, Tomasz, Mgr. ing. (Lengyelország)

Processing of cotton-type polyvinylalcohol fibers. Magy  
textil 15 no.5/6:241-243 My-Je '63.

JANUSZ, W.

Problem of work economy in adjusting geodetic networks by the method of indirect observation.

p. 192 (Prace Proceedings) Vol. 4, no. 2, 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

*JANUSZ, W.*  
JANUSZ, W.

Field examination of the construction of a straight-line and equilateral polygonal traverse and conclusions drawn from this examination.

p. 207 (Prace Proceedings) Vol. 4, no. 2, 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

5333

528.913.1:610.201

Gazdzicki J. ~~Janusz~~ Simultaneous Adjusting of Nodal Elements in Polygonal Nets.

„Jednoczesne wyrównanie azymutów i współrzędnych węzłowych w siatkach poligonowych”. (Prace Inst. Geod. i Kartogr. No. 3), Warszawa, 1957, PPWK, 42 pp., 18 figs., tabs. 3

The adjustment of extensive polygon nets by the method of the least squares being very laborious, the approximating methods generally called "Methods of nodal points" are used. Not all known methods of nodal points are limited to this simplification: each of the nodal elements  $a$ ,  $x$ ,  $y$  is adjusted separately. This manner of dealing with them must necessarily lead to such an observation deformation as will prove excessive when a higher precision net is being adjusted. The paper discusses two methods of simultaneous adjusting of the nodal elements  $a$ ,  $x$ ,  $y$ . The observation functions adjusted by the first method are angles and lengths determined by the nodal element; and in the second — sums of angles and sums of co-ordinate increments (departure and latitude) calculated for individual polygons. Both these methods enable the adjustment of the net with the so called side connections (with additionally observed directions toward fixed points, from certain polygon points). The numerical examples given show results very close to those obtained by means of the least squares method. 5

JANUSZ, W.

Problem of a uniform instruction on technical traversing.

P. 95 (P. ACE, PROCEEDINGS) Poland, Vol 5, No. 1, 1957.

SO: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957.



JANUSZ, W.  
GAZDZICKI, J.

A comparison of approximate methods of adjusting polygon nets; based on a few numerical examples. p. 67.

Warsaw. Instytut Geodezji i Kartografii. (PRACE. PROCEEDINGS. Warszawa, Poland  
Vol. 6, no. 1, 1958.

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

JANUSZ, W.

SCIENCE

Periodicals: PRZEGLAD GEODEZYJNY. Vol. 14, no. 8, Aug. 1958.

JANUSZ, W. Determining the plotted location of points by means of the resection method. p. 316.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 4,  
April 1959, Unclass.

JANUSZ, W.

SCIENCE

Periodicals: PRZEGLAD GEODEZYJNY. Vol. 14, no. 8, Aug. 1958.

JANUSZ, W. The problem of balancing and equalizing geodetic nets with a small number of surplus observations. p. 334.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 4,  
April 1959, Unclass.

S/035/62/000/011/066/079  
A001/A101AUTHOR: Janusz, Wojciech

TITLE: Methods of determining deviations of the theodolite rotation axis from the vertical direction at a station

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 11, 1962, 24, abstract 11G177 ("Prace Inst. geod. i kartogr.", 1962, v. 9, no. 1, 33 - 75, Polish; Russian and English summaries)

TEXT: Deviations  $\gamma$  of the theodolite rotation axis from the vertical direction can be determined by the following methods. 1) From readings  $z_i$  on the vertical circle with the fixed telescope and superposed ends of the bubble of the contact level of the vertical circle:  $\gamma_i = \underline{U} \sin \beta_i - \underline{V} \cos \beta_i$ , where  $\underline{U} = \gamma_{\max} \cos \varphi$ ,  $\underline{V} = \gamma_{\max} \sin \varphi$ ,  $\varphi = \arctg \frac{\underline{U}}{\underline{V}}$  is the angle between the initial direction  $\beta_0$  on the horizontal plane and the line of its intersection with the plane inclined to the horizon at an angle  $\gamma_{\max}$ ,  $\beta_i$  is horizontal trace of direction corresponding to the position of the telescope sighting axis (see Figure). The un-

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knowns  $U$  and  $V$  are determined from the solution of the system of error equations:  $U + U \sin \beta_1 - V \cos \beta_1 = z_1 - z_{av} + v_1$ . Here  $U = \delta - z_0 - z_{av}$ , where  $\delta$  is angle between the telescope sighting axis and the theodolite rotation axis,  $z_0$  is position of the vertical circle zero. The expression for the reduced direction  $\beta_{red}$  looks as follows:  $\beta_{red} = \beta_{measur.} + \operatorname{tg} \alpha (U \cos \beta + V \sin \beta)$ , where  $\alpha$  is inclination angle of the sighting line. This method can be used for determining differences in inclination of the theodolite rotation axis at its multiple setting in the station. 2) From readings  $l_1, p_1$  at the ends of the level bubble on the horizontal circle (main level):  $-\gamma_1 = \frac{l_{iI} + p_{iI} + l_{iIII} + p_{iIII}}{4}$ , where indices I and II indicate that readings were made at diametrically opposite positions of the level. Expressing  $\gamma_1$  in terms of  $U$  and  $V$ :  $\gamma_1 = U \cos \beta_1 + V \sin \beta_1$ , we obtain the system of error equations  $U \cos \beta_1 + V \sin \beta_1 = -\frac{l_{iI} + p_{iI} + l_{iIII} + p_{iIII}}{4} + v_1$ , solution of which leads to determination of the unknowns  $U$  and  $V$ . The mentioned method can be applied also for determination of inclination differences of the theodolite rotation axis at its repeated setting in the station. Consecutive settings of

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Methods of determining deviations of the...

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rors of three theodolites whose main levels had different division values  $p$  (Wild T-3,  $p = 7''$ ; Zeiss Theo 010,  $p = 20''$ ; Zeiss ThII,  $p = 75''$ ). They showed that deviation of the theodolite rotation axis from the vertical direction can be determined more precisely by using vertical circle readings, if natural oscillations of the axis are small. Moreover, it was established that leveling accuracy of a theodolite depends mainly on the design of lifting screws. A formula is proposed for calculating the rms leveling error of a theodolite:

$$M_{lev} = \sqrt{(0.2p)^2 + \left(\frac{s}{2\pi r d}\right)^2 \Delta l^2},$$

where  $s$  is thread pitch of the lifting screw,  $r$  is radius of the lifting screw head,  $d$  is distance between support points of two lifting screws,  $\Delta l$  is linear magnitude of a point shift along the circumference of the lifting screw head at its minimum rotation. At  $p = 20''$ ,  $s = 0.75$  mm,  $r = 18$  mm,  $d = 100$  mm,  $M_{lev} = \pm 8''$ . There are 6 references.

N. Modrinskiy

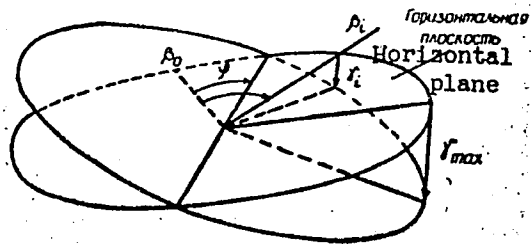
[Abstracter's note: Complete translation]

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Methods of determining deviations of the...

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Figure.



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S/035/62/000/010/091/128  
A001/A101

AUTHOR: Janusz, Wajciech

TITLE: The problem of identification of constant points in control networks for measuring deformations

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 16 - 17, abstract 10683 ("Prace Inst. geod. i kartogr.", 1962, v. 9, no. 1, 76 - 86, Polish; Russian and English summaries)

TEXT: Calculations intended for identification of invariable marks and determination of the magnitude and displacement direction of other marks are usually carried out in the following sequence. All differences of directions in the network, obtained in two successive measurements, are adjusted jointly; simultaneously the components of displacements  $dx$  and  $dy$  of the marks are determined, assuming two points to be invariable. If, as a result of adjustment, all points are displaced by magnitudes exceeding limiting measurement errors, this will indicate the mutual displacement of the points assumed to be constant.

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In this case, two other points are selected as invariable and initially calculated coordinates are correspondingly transformed. This procedure is repeated until two points are discovered which preserve invariable position. Instead of the above-described labor-consuming method of successive approximations, the following method is recommended. When  $dx$  and  $dy$  obtained are considerable, coefficients  $\beta_{ik}$  of the scale change of the network are calculated:

$$\beta_{ik} = - \frac{\Delta x_{ik}}{\Delta x_{ik}^2 + \Delta y_{ik}^2} \cdot (dx_k - dx_1) - \frac{\Delta y_{ik}}{\Delta x_{ik}^2 + \Delta y_{ik}^2} (dy_k - dy_1),$$

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The problem of identification of...

where  $\Delta x_{ik}$  and  $\Delta y_{ik}$  are differences of point coordinates with numbers  $i$  and  $k$ ;  $dx_k, dy_k, dx_i, dy_i$  are components of displacements of points with numbers  $k$  and  $i$ , calculated from adjustment of direction differences. The total number of necessary coefficients is equal to  $\frac{(n-1)n}{2}$ , where  $n$  is the number of network points. Then points are sought for which are ends of sections with equal values of coefficients  $\beta$ . Assuming these points as invariable, magnitudes and directions of displacements of points, which changed their position, are calculated by transforming  $dx$  and  $dy$  obtained from adjustment of corrections. When displacements of points are insignificant, the values of coefficients  $\beta$  do not permit a unique identification of points whose displacement is less than errors of determination. Therefore, in every case it is necessary to see that the group of points assumed to be invariable does not contain sections,  $\beta$ -coefficients of which differ sharply from the others. With this purpose,  $\beta_{av}$  are calculated for the given group of the points:

$$\beta_{av} = \frac{[p_1 \beta_1]}{[p_1]}, \text{ where } p_1 = \frac{1}{m^2 \beta_1} = \frac{\Delta x^2 + \Delta y^2}{m_d^2},$$

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and  $m_d$  is calculated for each section as the error of a function:

$$m_d = m_0 \sqrt{f (a^2)^{-1} \cdot f.} \quad \text{Here } f = \begin{pmatrix} -\cos \varphi \\ -\sin \varphi \\ \cos \varphi \\ \sin \varphi \end{pmatrix}$$

$(a^2)^{-1}$  is the inverse cracowian of the cracowian of normal equation coefficient,  $\varphi$  is directional angle of the given section. Then rms error of one measurement is calculated:

$$M_A = \pm \sqrt{\frac{[(\sqrt{p_1} \cdot v \beta_1)^2]}{n - 1}},$$

where  $v \beta_1 = \beta_{av} - \beta_1$ . The value of  $M\beta$  should be close to unity.

[Abstracter's note: Complete translation]

N. Modrinskiy

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JANUSZ, Wojciech

Remarks on ways of setting regular surveying nets.  
Przeł geod 35 no.1:10-13 Ja '63.

JANUSZ, Wojciech

Determining all the elements characteristic for the change in setting  
a theodolite at an observation station. Prace Inst geod 8 no.2:166-183  
'61.

(Theodolites)

JANUSZ, Wojciech

Contribution to the problem of investigating the stability of the theodolite vertical axis. Prace Inst geod 9 no.2:156-162 '62.

JANUSZ, Wojciech

Experiments in elaborating methods of deformation measurements of elongated structures by utilizing traverse and special measuring instruments. Prace Inst geod<sup>10</sup> no.1:53-75 '63.

JANUSZ, Wojciech

Concept of simultaneously using the traverse and alignment methods in the determination of deflections of long constructions. Prace inst geod 10 no. 2: 133-150 '63.

Determination of stadia constants for distance measurements with high precision. Ibid.:151-164.



JANUSZKIEWICZ, Krzysztof, mgr inż.

Results of experiments in the use of accumulator heaters in Poland. Wiad elektrotechn 32 no. 1:5-7 Ja '64.

1. Katedra Grzejnictwa Elektrycznego, Politechnika, Lodz.

JANUSZ, Wojciech

Calculation methods of horizontal dislocations of the points  
of geodetic networks according to observations made periodically. Przegl. geod. 36 no.2:49-56 F'64

1. Instytut Geodezji i Kartografii, Warszawa.

JANUSZ, Wojciech

Problem of automatic determination of structure deformation  
by a geodetic network model in the form of a permanent measuring  
installation. Prace Inst Geod 11 no.2:129-238 '64.

1. Submitted February 1964.

JANUSZ, Wojciech

An idea of two ways of increasing the accuracy of distance measurements performed with the diaphragm stadia by bisecting aiming. Przegl geod 37 no.3:100-103 Mr '65.

1. Institute of Surveying and Cartography, Warsaw.

3,510

F/047/62/013/002/006/006  
D204/D307

AUTHOR: Januszajtis, Andrzej (Gdańsk)

TITLE: Modern models of the atmosphere

PERIODICAL: Postępy fizyki, v. 13, no. 2, 1962, 207 - 224

TEXT: A review is given of the above subject, based on both Western and Soviet-bloc work, motivated by the development of flight at high altitudes. An atmospheric model is defined as a mathematical expression of the vertical distribution of atmospheric parameters. Pascal's fundamental relationships between pressure, density, temperature, chemical composition (molecular weight) and altitude are first quoted, followed by a summary of atmospheric models due to Jeans, Gerson, U.S. Rocket Panel, Nicolet, Mitra, Kallmann (1956 and 1959), U.S. Air Research and Development Command, Sterne and Bates. The models are briefly compared, discussed and assessed in conjunction with data obtained from artificial satellites. Fluctuations of the density of the upper atmosphere are chiefly due to:  
1) The W effect-heating of the F<sub>2</sub> layer by shortwave radiation from

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JANUSZAJTIS, Andrzej

Dependence of ionization current in saturated hydrocarbon liquids on radiation energy. Acta physica Pol 24 no.6:809-816 D '63.

1. II Department of Physics, Technical University, Gdansk.

JANUSZEWICZ, Halina; MITTELSTADT, Maurycy

Ancylostomiasis in a patient with gastrointestinal anastomosis.  
Polski tygod. lek. 11 no.19:844-846 7 May 56.

1. Z Lecznicy Ministerstwa Zdrowia; kier.: prof. dr.  
Mieczyslaw Fejgin. Warszawa, Lecznica Ministerstwa Zdrowia.

(ANCYLOSTOMIASIS, case report  
(Pol))

**Synthesis of dextran by strain I of *Leuconium* (Wernicke)**

Shokuyaku 4, No. 8, 1-14 (1954).—In preliminary experiments, the formation of dextran (I) by *Leuconium* was attempted in liquid nutrient media which contained the necessary inorg. salts and one of the following: arabinose, xylose, tharandose, glucose, fructose, galactose, mannose, lactose, sucrose, (II), raffinose, mannitol, or inositol. Only II-containing media furnished I. The best results for I-contg. medium was detd. by changing the units and kinds of the inorg. components, with and without addn. of synthetic p-aminobenzoic acid or yeast autolyzate (III). The medium finally adopted contained  $K_2HPO_4$  0.1,  $Na_2NH_4$   $HPO_4$  0.3,  $KCl$  0.01,  $MgSO_4$  0.01, II 10.0%, with 0.23-0.3 III%. In such a medium 25-26% of II was transformed into I over 6 days at 26-22°, pH 6.4 (adjusted with 3%  $HCl$  or  $HCl$ ). Raising or lowering the pH caused a drop in the amt. of I produced as well as in the rate of formation; below pH 5.7 and above 7.2 I formation was nil. Raising the temp. to 29-33° caused a drop of I formation. After 6 days the biosynthesis became noticeably slower, after 18 days about 45% of II was transformed into I. Parallel with I formation was the formation of roughly the same amt. of reducing substance. If it is correct to assume that this is fructose, it means that only the glucose part of II is used for I formation. Werner, Ludwig, et al.



JANUSZEWICZ, I.

"Isolating a Strain from Leuconostoc Mesenteroides and Elaborating Conditions for the Biosynthesis of Dextran in a Laboratory." p.36

(PRZEMYSŁ ROLNY I SPOŻYWCZY Vol. 8, no. 1, Jan. 1954 Warszawa, Poland)

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

JANUSZEWICZ

JANUSZEWICZ, J.

3505

Januszewicz J. Lyophilisation of Strains of *Aspergillus Niger*. 663.11:578.8.005

"Liofilizacja szczepów grzyba *Aspergillus niger*". *Przemysł Rolniczy i Spożywczy*, No. 11, 1954, pp. 407-410, 3 figs., 2 tabs. CH

P.O.L.

Thirteen different varieties of *Aspergillus niger* were lyophilized. Immediately after reorganization all strains were revived, the yield of citric acid was determined and compared with the yield prior to lyophilization. In all cases, the lyophilized cultures revealed a characteristic morphology of the respective strains. The lyophilized cultures were stored at various temperatures in the ice-box (from 0 °C to -10 °C) at various temperatures from 18 to 22°C at thermostatic temperatures from 20 to 25°C. After 1 year in storage no tendency was observed towards losing capacity to produce citric acid.

JAN. SZAWCZAK I.

Variations in dextran-synthesizing ability of *Leuconostoc mesenteroides* with the method of preservation of culture. I. Januszewicz (Inst. Przemysłu Rolnego, Warsaw). *Acta Microbiol. Polon.* 4, 205-17 (1955).—A dextran-producing strain of *L. mesenteroides* (C.A. 49, 14092i), producing a yield of 35% based on sugar consumption, was lyophilized. A parallel culture was stored on agar and transferred to a new slant every 4-5 days. The transferred cultures retained their productivity for 4 months, at which time a sharp drop in dextran production took place. Adding a variety of vegetable expts. or *p*-aminobenzoic acid to the transfer media did not prevent this drop. Addn. of microelements and change of pH and temp. had no effect. The lyophilized culture retained its synthesizing ability during storage but lost it during subsequent transfers. The following modifications in the medium gave improved stability to the stored and transferred strains: 0.001%  $MnCl_2 \cdot 4H_2O$ , 0.0005%  $(NH_4)_2MoO_7 \cdot 4H_2O$  and 5 ml./l. autolyzed yeast in the agar medium. The dextran-producing medium should have 0.001%  $MnCl_2 \cdot 4H_2O$  and pH 6.5-6.8. All the dextran produced, no matter what the yield, had the same physico-chem. properties.

I. Z. Roberts

JANUSZEWICZ, I.; BRZOZOWSKA, M.; BLUM, M.

Isolating new types of *Leuconostoc*.

p. 304  
Vol. 9, no. 7, July 1955  
PRZEMYSŁ SPOZYWCZY  
Warszawa

SO: Monthly List of E<sub>st</sub> European Accessions (EEAL), LC, Vol. 5, no. 2  
Feb. 1956

JANUSZEWICZ, I.

Biosynthesis of dextran by various strains of *Leuconostoc mesenteroides*. *Acta microb. polon* 5 no.1-2:217-224 1956.

1. Z Zakładu Technologii Fermentacji Przemysłowych Instytutu Przemysłu Fermentacyjnego w Warszawie.

(*LEUCONOSTOC*, metabolism

*mesenteroides*, dextran synthesis by various strains (Pol))

(*DEXTRAN*, metabolism,

*Leuconostoc mesenteroides*, synthesis by various strains (Pol))

JANUSZEWICZ, J.

Effect of storage conditions on changes in the biochemical properties of *Leuconostoc mesenteroides*. Acta Microb. polon. 6 no.4:367-376  
1957

1. Z Zakładu Technologii Fermentacji Przemysłowych Instytutu Przemysłu Fermentacyjnego w Warszawie. Wpłynęło dnia 29 czerwca 1957 r.  
(LEUCONOSTOC, metabolism  
mesenteroides, eff. of storage cond. in laboratory on  
biochem. activities (Pol))

JANUSZEWICZ, I.

Effect of culture media on the activity of *Leuconostoc mesenteroides*. *Acta microb.polon.* 9 no.4:359-366 '60.

1. Z Pracowni Mikrobiologii Technicznej Instytutu Przemysłu  
Farmaceutycznego w Warszawie.  
(LEUCONOSTOC culture)

CANJSZEWICZ, Irena (Warszawa); BRZozowska, Maria (Warszawa)

Use of a lactic acid solution for sterilizing malt germs, used  
for milk fermentation. Przem spoz 15 no.10:35-38 '61.



JANUSZEWICZ, Irena, mgr.

Activities of the Industrial Microbiology Section of the Industrial  
Fermentation Institute. Przem spoj 16 no.1:61-64, '62.

1. Instytut Przemyslu Fermentacyjnego.

JANUSZEWICZ, J.

"Biology of lactic bacteria" by E.I. Kvasnikov, Reviewed by  
J. Januszewicz. Przem spoz 15 no.9:64 '61.

JANKOWSKI, Wladyslaw, mgr., inz.; KUBICKI, Jerzy, mgr., inz.; JANUSZEWICZ,  
Krystyna, mgr., inz.; DOMANSKA, Hanna, mgr., inz.; SAWICKI, hipolit.,  
mgr., inz.; GACIARZ, Kazimierz, mgr., inz.

A chemical combine for Turkey. Architektura Pol no.10:384-385 '61.

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

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

JANUSZEWICZ P. 3

B

Ring-Shaped Sections of Automobile Pistons Produced by Centrifugal Casting. (In Polish.) P. Januszewicz. *Prace Badawcze Glownego Instytutu Metalurgii* (Odkrycia), v. 1, no. 3, 1949, p. 195-201.

Investigates difficulties of obtaining suitable structures of the above, especially difficulties concerning shape and suitable dimensions of the graphite. Experimental study confirmed the special applicability of centrifugal casting in chills insulated with a coating of casting sand 10-mm. thick, giving a dispersed lamellar graphite. Illustrated with numerous micrographs.

AS & SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

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

PIA  
JANUSZEWICZ, P.

4

1122

621.744.33

Januszewicz P. Moulding Flask Economy.

„Gospodarka skrzynkami formierskimi”. Przegląd Odlewnictwa.  
No. 2, 1951, pp. 42—53, 24 figs.

Requirements with which moulding flasks should comply. Resistance to wear and rigidity. Accuracy. Various means of centring. Weight of moulding flasks. Preventing the moulding sand from dropping from the flask. Cost of flasks. Guide to moulding flask economy: storage, maintenance, repairs, checking and keeping a record of flasks.

JANUSZEWICZ, P.

4

PTA

1400

621.13 : 621-242.3

Januszewicz P. New Technical Acceptance Specifications for Locomotive Piston Ring Drums.

„Nowe warunki techniczne odbioru bębnow na parowozowe pierścienie tłokowe i suwakowe”. Przegląd Odlewnictwa No. 7-8, 1951, pp. 184-191, 7 figs., 1 tab.

Properties of piston rings. Properties of cast-iron for piston rings. Modulus of elasticity. Elastic and permanent deformation. Expansion strength. A criticism of technical acceptance specifications hitherto in use. Design of new technical acceptance specifications. Isoleaves as the criterion of the quality of drums for locomotive piston rings.

P O L .

3260

021.743 : 001.744 : 000.948.7

Januszewicz P. Incorrect Mould and Core Production as the Cause of Casting Defects.

„Niewłaściwe wykonanie form i rdzeni jako przyczyna powstawania wad odlewów żelaznych”. Przegląd Odlewnictwa, No. 2, 1954, pp. 30-39.

The author deals with the stages involved in the production of moulds and cores, and indicates irregularities which cause casting defects. The production of moulds and cores is divided into the following stages: production of the model and implements, stamping, selection of the casting method, reinforcement, ventilation, surface finish, drying, provision of the gate system, assembly and pouring. This work is a systematic analysis of technological processes from the point of view of casting defects.

JANUSZ...WICZ, P.

Zeliwiak i jego prowadzenie (Cast iron and its use), by P.  
Januszewicz. Reported in New Books, (Nowe Książki), No. 6, March 15,  
1956.



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JANUSZEWICZ, P.

Development and achievements of the Foundry Research Institute and its future opportunities. p. 3.

(INZYNIERIA I HODOWNICTWO, Vol. 6, No. 1/2 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (SEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

Distri. 4E2c

6088

ed. 746.7:069:19

\* Januszewicz P., Kalata Cz., Kobyliński S. Classification of Faults in Cast-Iron Castings, with Atlas.

"Systematyka wad odlewów żelwnych z atlasem". Warszawa, 1918, PWT, 16°, 132 pp., figs., tabs.

Classification of faults appearing in grey and malleable cast iron castings; description of faults; classification of causes leading to appearance of faults; comparison of possible causes leading to appearance of particular kinds and varieties of faults; and an atlas of faults appearing in grey and malleable cast iron castings. Also included is information on how to use the book.

EW  
///

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WAP

JANUSZEWICZ, P.; KOSTECKI, J.; WERTZ, Z.; LEWANDOWSKI, L.

"Non-metallic mineral raw materials in the foundry industry"  
by P.Januszewicz, J.Kostecki and Z.Wertz. Reviewed by .  
L. Lewandowski. Przegl odlew 11 no.12:374 '61.

JANUSZEWICZ, Platon; WILCZYNSKI, Przemyslaw

Diaphragm molding. Metal i odlew 38 no.8:43-59. '61.

1. Katedra Technologii Formy Akademii Gorniczo-Hutniczej, Zaklad Technologii Formy.

JANUSZEWICZ, Platon; STACHANCZYK, Jerzy

Determination of the parameters of preparing ethyl silicate affecting the properties of a mold prepared in the lost wax process. Prace inst odlew 12 no.1:1-15 '62 [publ. '63].

1. Zaklad Technologii Ogolnej, Instytut Odlewnictwa, Katowice.

JANUSZEWICZ, Flaton, doc. mgr inz.; CZAJKA, Andrzej, inz.

Method of determination of the pliability of the sand mix.  
Przeegl odlew 12 no.8/9:237-246 Ag-S '62.

JANUSZEWICZ, P.

Prfessor Albert Portevin, 1880-1962. Przegł odlew 12  
no.10:330 0 '62.



JANUSZEWICZ, P.; HARPULA, J.

Effect of shell forms on the cooling velocity of cast iron.  
Koh lap 95 no.3: Supplement:Ontode 13 no.3:Mr '62.

JANUSZEWICZ, Platon, doc. mgr. inz.

The Foundry Institute in Krakow. Przegl mech 21 no.9/10:298-299.  
10-25 My '62.

1. Instytut Odlewnictwa, Krakow.

JANUSZEWICZ, Włodzimierz  
ASKANAS, Zdzisław; JANUSZEWICZ, Włodzimierz; VALENTYNOWICZ-STANCZYK,  
Regina

Case of polyarteritis nodosa. Polski tygod. lek. 9 no.16:490-495  
19 Apr 54.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Warszawie, kierownik  
prof. dr med. M.Semara-Siemianowski i z Zakładu Anatomii Patolo-  
gicznej A.M. w Warszawie, kierownik: prof. dr med. L.Paszkwicz.  
(PERIARTERITIS NODOSA,  
case report)

JANUSZEWICZ, Włodzimierz

Noradrenalin and its clinical application. Polski tygod.  
lek. 11 no.15:663-668 9 Apr 56.

1. Z II Kl. Chor. Wewn. Akad. Med. w Warsz.; kier. prof. dr.  
med. D. Aleksandrow. Warszawa, Kaliska 17 m 12.  
(ARTERENOL,  
review (Pol))

JANUSZEWICZ, W.

ALEKSANDROW, Dymitr; JANUSZEWICZ, W.; MAJEWSKA, O.

Clinic of dissecting aortic aneurysm on basis of personal material. Polski tygod. lek. 12 no.1:8-13 1 Jan 57.

1. (Z II Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik; prof. dr. med. D Aleksandrow). Adres: II Klinika Chorob Wewnętrznych A.M. w Warszawie, ul. Nowogrodzka 59.

(AORTIC ANEURYSM

dissecting, clin. manifest. & diag. (Pol))

JANUSZEWICZ, W

WŁODZIMIERZ JANUSZEWICZ; DYMISTR ALEKSANDROW; CZESIAW SZCZEPANSKI

Diagnosis and evaluation of postoperative results in a case of pheochromocytoma. Polski tygod. lek. 13 no.44:1727-1732 3 Nov 58.

1. (Z II Kliniki Chorob Wewnętrznych A. M. w Warszawie kierownik: prof. dr med. D. Aleksandrow) Adres: W-wa, ul. Nowogrodzka 59 II Klin, Chor. Wewn. A. M.

(PHEOCHROMOCYTOMA, compl.

hypertension, diag. & surg. (Pol))

(HYPERTENSION, etiol. & pathogen.

pheochromocytoma, diag. & surg. (Pol))

JANUSZEWICZ, Włodzimierz; WOCIZL, Bożenna

Recent data on noradrenalin. Polskie arch. med. wewn. 29 no.7:  
969-980 1959.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie  
Kierownik: prof. dr med, D. Aleksandrow.  
(NORADRENALINE)

JANUSZEWICZ, Włodzimierz

Evaluation of the role of noradrenaline in the pathogenesis of hypertension with reference to the vascular crisis & to the syndrome of malignant hypertension. Polski tygod. lek. 14 no.21:945-952  
25 May 59.

1. (Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie; kierownik: prof. dr med. D. Aleksandrow). Warszawa, Nowogrodzka 59, II Klinika Chorob Wewnętrznych AM.

(ARTERENOL, in urine

in hypertension, clin. value (Pol))

(HYPERTENSION, urine in

arterenol, clin. value (Pol))



ALEKSANDROW, Dymitr; JANUSZEWICZ, Włodzimierz; WOCIAL, Bożena

Effect of guanethidine on the excretion of free noradrenalin in urine.  
Pol. tyg. lek. 17 no.6:201-206 5 F '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik: prof.  
dr med. D. Aleksandrow.

(NOREPINEPHRINE urine)  
(ANTIHYPERTENSIVE AGENTS pharmacol)  
(AMIDINES pharmacol)

JANUSZEWICZ, Wlodzimierz; WOCIAL, Bozena

Effect of hypotensive drugs (serpasil, diuril) on the urinary excretion of free noradrenalin. Pol. tyg. lek. 17 no.7:246-249 12 F '62.

1. Z II Kliniki Chorob Wewnetrznych AM w Warszawie; kierownik: prof. dr med. D. Aleksandrow.

(RESERPINE pharmacol) (CHLOROTHIAZIDE pharmacol)

ALEKSANDROW, Dymitr; JANUSZEWICZ, Wlodzmiierz; WOCIAL, Bozena

Guides for the diagnosis of pheochromocytoma according to our observations. Pol. tyg. lek. 17 no.34:1333-1338 20 Ag '62.

1. Z II Kliniki Chorob Wewnetrznych AM w Warszawie; kierownik: prof. dr med. D. Aleksandrow.

(PHEOCHROMOCYTOMA)

JANUSZEWICZ, Włodzimierz; WOCIAL, Bożena

Evaluation of the determination of total methoxynoradrenalin and methoxyadrenalin in the urine in the diagnosis of cases of hypertension caused by pheochromocytoma. Pol. arch. med. wewn. 32 no.12:1533-1541 '62.

1. Z II Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof. dr med. D. Aleksandrow.  
(EPINEPHRINE) (NOREPINEPHRINE) (PHEOCHROMOCYTOMA)  
(HYPERTENSION)

JANUSZEWICZ, Włodzimierz; WOCIAL, Bożena

Current views on noradrenalin. Pol. arch. med. wewnet. 35 no.9:  
1371-1377 '65.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Warszawie  
(p.o.kierownik: doc. dr. med. W. Januszewicz).

ZACHAREWICZ, Witold; BOROWIECKI, Lucjan; JANUSZEWSKA, Barbara

On a new photocatalytic method of obtaining d-carene-3-al-7.  
Rocz chemii 36 no.1:173-174 '62.

1. Katedra Chemii Organicznej, Uniwersytet M.Kopernika, Torun.

JANUSZEWSKA, Hanna, mgr.; TOMASZEWSKI, Wladyslaw, inz.

Relationship between the abrasiveness of building materials on  
Böhme's disc with the use of abrasive dust Naxos 80 and aloxite  
dust B No. 80. Przegl budowl i bud mieszk 34 no.4/5:294  
Ap-My '62.

BOROWICZOWA, K. ; JANUSZEWSKA, W. ; ~~WOJACZYNSKA~~ WOJACZYNSKA-SZADOWSKA, A.

Malignant neoplasm of the right orbit in an infant. Pat.polska  
11 no.3:293-300 '60.

1. Z I Kliniki Chorob Dzieci AM w Lodzi, Kierownik: prof.dr  
E.Wilkoszewski. Z Zakladu Anatomii Patologicznej AM w Lodzi,  
Kierownik: prof.dr A. Pruszczyński.  
(ORBIT neopl)



JANUSZEWSKA, W.

Incidence of congenital harelip and cleft-palate in children at  
Lodz. Acta chir. plast. 4 no.4:262-266 '62.

1. Clinic of Maxillo-facial Surgery, Medical Academy of Lodz (Poland)  
Director: Doc. J. Bardach, M.D.  
(HARELIP) (CLEFT PALATE)

FILIPIAK-MIASTKOWSKA, Irmina; JANUSZEWSKA, Waleria

Spongy kidney or cystic degeneration of renal pyramids. *Pediat. pol.*  
37 no.6:631-634 Je '62.

1. Z I Kliniki Chorob Dzieci AM w Lodzi Kierownik Katedry: prof. dr med.  
Fr. Redlich Kierownik I Kliniki; doc. dr med. K. Scroczyński i z Katedry  
Radiologii AM w Lodzi.

(KIDNEY DISEASES in inf & child)

BARDACH, Janina; JANUSZEWSKA, Walerja; KARTYKA, Wieslawa;  
KUCZYNSKA, Jadwiga

Activities of the center for the treatment of developmental  
defects of the face during the period of Jan. 1, 1962 --  
July 1, 1964. Czas. stomat. 18 no.8/9:927-930 Ag-S '65.

1. Z Osrodka Leczenia Wad Rozwojowych Twarzy przy Klinice  
Chirurgii Szczekowo-Twarzowej AM w Lodzi (Kierownik: prof.  
dr. med. J. Bardach).

JANUSZEWSKA, Waleria

Preparation of the child with cleft lip and palate for surgery.  
Czas. stomat. 18 no.8/9:931-934 Ag-S 165.

1. Z Ośrodka Leczenia Wad Rozwojowych Twarzy przy Klinice  
Chirurgii Szczekowo-Twarzowej AM w Łodzi (Kierownik: prof.  
dr. med. J. Bardach).