

WISNIEWSKI, B., inz.

Balancing of the operation time of machinery and installations. Techn motor 13 no.12: Supplement :Bul inf OETS
11 [i.e.9] no.6:1-2 D'63.

WISNIEWSKI, Bronislaw, mgr inż.

Measurements of the rate of slime obstruction of the water reservoir
in Otmuchow. Gosp. wodna 22 no.10:475-476 0 '62.

1. Zaklad Hydrotechniki, Instytut Gospodarki Wodnej, Warszawa.

WISNIEWSKI, B., inż.; ZYCHOWICZ, W., inż.

Production capacity and economic planning. Przegl techn 84 no.34:3
25 Ag '63.

WISNIEWSKI, B.

Treatment of malignant granuloma with nitrogen mustard. Polski tygod.
lek. 7 no.23:752-757 9 June 1952. (CLML 23:2)

1. Of the Internal Department (Head--Bronislaw Wisniewski, M.D.) of
Warsaw Municipal Hospital No.7., Zoliborz.

WISNIEWSKI B. Oddz. wewn., Szpit. miejsk. Nr 7, Warszawa. O patogenetycznym leczeniu choroby Graves-Basedowa paraoksypropiofenonem The pathogenic treatment of Graves-Basedow's disease with paraoxypropiophenone Polsk. Arch. Med. wewn. 1953, 23/2 (271-282)

paraOxypropiofenone has an inhibiting influence on the hypophysis without the peripheral action of the sex hormones. It was administered in 7 cases of hyperthyroidism, and caused a slight, but evident decrease of the exophthalmos and the oedema of the eyelids in 2 cases. A doubtful effect in 1, no change in 2 and in 2 other cases the exophthalmos increased.

Bojanowicz - Lodz (VI, 3)

SO: EXCERPTA MEDICA, Vol. 8, No. 3, Section VI, March 1954

WISNIEWSKI B.

Excerpta Medica 8/5 Sec 3 May 54 Endocrinology

836. WISNIEWSKI B. Odd. wewn. Szpit. Miejsk. Nr 7, Warszawa.* Próby kliniczne zapobiegania agranulocytozie potioracylowej. Clinical trials of the prophylaxis of agranulocytosis due to thiouracil POLSK. ARCH. MED. WEWNET. 1953, 23/1 (39-46)

Thiouracil derivatives inhibit the thyro-peroxidase, decreasing, therefore, the production of the thyroid hormone. The author thinks that the leucopenia occurring during thiouracil therapy is a result of its inhibitory action on the peroxidase in the

836 Contd.

bone marrow. Peroxidase is considered an important agent for the maturation of the leucocytes, and the administration of large doses of ascorbic acid should counteract the toxic influence of thiouracil. Four cases of leucopenia due to methylthiouracil were treated by injecting twice daily 1 g. of ascorbic acid intravenously. A rapid rise in the leucocyte count was observed, although in 3 cases the administration of thiouracil was continued. In the first case the withdrawal of the ascorbic acid was twice followed by a sudden decrease in the leucocyte count, which rose again after continuation of the vitamin C therapy.

Gibiński - Bytom (VI, 3)

WISNIEWSKI, Bronislaw (Warszawa, ul. Mokotowska 57 m 6)

Experiments with 1-methyl-2-mercaptoimidazole as a new thyroid antagonist. Polski tygod. lek. 9 no.22:676-679 31 May 54.

1. Z Oddziału Wewnętrznego Szpitala Miejskiego Nr 7 na Żoliborzu, ordynator dr med. Br. Wisniewski.

(THYROID ANTAGONISTS,

1-methyl-2-mercaptoimidazole)

WISNIEWSKI, Bronislaw; WASNIEWSKA, Maria; GONTA, Tadeusz

Postoperative course in commissurotomy. Polski tygod. lek. 9
no.34:1067-1068 23 Aug 54.

1. Z I Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i
Specjalizacji Kadr Lekarskich w Warszawie; kierownik: prof. dr
A.Landau, i z Oddzialu Chirurgicznego Instytutu Gruzylicy; kierownik:
doc. dr L.Manteuffel.

(CARDIAC VALVES, surgery,
commissurotomy, postop. course)

WISNIEWSKI, Bronisław

New manifestation of focal infection. Polski tygod. lek. 9 no.39:
1247-1249 27 Sept 54.

1. Z Oddziału Wewnętrznego Szpitala Miejskiego nr 7 w Warszawie;
ordynator dr med. B. Wisniewski, i z Zakładu Chorob Wewnętrznych
Instytutu Doskonalenia Kadr Lekarskich; kierownik: prof. dr med.
A. Landau.

(FOCAL INFECTION, manifestations.)

WISNIEWSKI, Bronislaw; WASNIEWSKA, Maria; GONTA, Tadeusz

Experience with immediate results of commissurotomy in mitral stenosis. Kardiol. polska 1 no.3-4:38-39 1955.

1. Z I Zakladu Chorob Wewn. Instytut. Doskonalenia i Specjalizacji
Kadr Lekarskich w Warszawie. Kier. prof. dr. med. A. Landau
Z Oddz. Chirurg. Inst. Gruźlicy. Kier. prof. dr. med.
L. Manteuffel.

(COMMISSUROTOMY, case reports,
immediate results (Pol))

WISNIEWSKI, Bronislaw; WASNIEWSKA, Maria; GONTA, Tadeusz

Immediate results after commisurotomy in mitral stenosis; personal observations. Polski tygod. lek. 10 no.5:130-137 1 Feb 55.

1. Z I zakladu chor. wewn. instytutu doskonalenia i specjalizacji kadr lekarskich w Warszawie: kier. prof. dr. med. A.Landau i prof. dr. Med. prof. dr. med. L.Manteuffel-Szoega.

(MITRAL STENOSIS, surgery
commisurotomy, immediate results)

WISNIEWSKI, B.

Med ✓ 2015. Cholesterol and its fractions in plasma and erythrocytes of healthy persons and in hyper- and hypo-thyroidism. B. Wiśniewski Bull. Acad. polon. Sci., 1955, 3, 225—229 (Dept. of Intern. Diseases, Municipal Hosp. No. 7, Warsaw).—The level of free cholesterol and its esters in the plasma and r.b.c. of 15 healthy persons, 20 cases of hyperthyroidism and 3 cases of hypothyroidism was determined. An attempt was also made to explain the origin of the normal or slightly increased level of cholesterolaemia in some cases of Gravo's disease; an endeavour was made to establish which is more significant in the clinical treatment of thyroid gland diseases: the determination of the basal metabolic rate or of the cholesterol level in the blood. VINEY.

WISNIEWSKI, Brohislaw.

~~Cholesterol, its origin, role and metabolism in the humal organism.~~
Cholesterol, its origin, role and metabolism in the humal organism. Polskie arch.med.wewn. 25 no.3:473-490 '55.

1. Z I Kliniki Chorob Wewnetrznych Instytut Doskonalenia i Specjalizacji Kadr. Lekarskich. Kierownictwo: prof. dr med. A Landau i prof. dr med. B. Wisniewski. Warszawa, ul. Plocka 26.
(CHOLESTEROL, metabolism

EXCERPTA MEDICA Sec. 6 Vol. 11/12 Dec. 57
Wiśniewski, B.

7260. WIŚNIEWSKI B and NAPIÓRKOWSKA W. Odd. Wewnętrznego Inst. Gruźlicy oraz I Klin. Chor. Wewnętrz. Inst. Doskonalenia i Spec. Kadr Lekarskich, Warszawa. *Leczenie ostrego zapalenia otrzewnej hormonem adrenokortykotropowym. Treatment of acute peritonitis with ACTH
POL. TYG. LEK. 1956, 11/20 (871-876) Graphs 3

A report is presented of 3 cases of acute peritonitis (2 cases of acute pancreatic necrosis and 1 case of gangrene of the appendix), in which various antibiotics alone were without effect; the patients recovered with ACTH combined with antibiotics.

Fromowicz - Cracow

WISNIEWSKI, Bronislaw; BRUHL, Wlodzimierz; WOLANSKA, Aniela

Behaviour of glucose and other reducing bodies in the blood
after oral administration of glucose. Polski tygod. lek.11
no.3:98-103 16 Jan 56.

1. Z Oddzialu Wewnetr. Instytutu Gruzlicy i Inst. Doskonalenia
i Specjalizacji Kadr Lekarskich w Warszawie; kier. prof. dr. A.
Landau i prof. dr. med. Br. Wisniewski, Warszawa, ul Plocka 26.
Instytut Gruzlicy.

(GLUCOSE, in blood

level, determ. method after admin., method

(BLOOD

glucose level after admin., method.

WISNIEWSKI, Bronislaw; GOROWSKI, Tadeusz

Administration of ACTH and cortisone in hyperthyroidism.
Polski tygod. lek. 12 no.2:47-56 7 Jan 57.

1. (Z I Zakladu Chorob Wewnetrznych Instytutu Doskonalenia
i Specjalizacji Kadr Lekarskich przy Instytucie Gruzlicy w
Warszawie; kierownictwo: prof. dr. A. Landau i prof. Dr.

B. Wisniewski). Adres: Warszawa, Plocka 26.

(HYPERTHYROIDISM, surg.

preop. & postop. use of ACTH & cortisone, review (Pol))

(ACTH, ther. use

hyperthyroidism, preop. & postop. use, review (Pol))

(CORTISONE, ther. use

same)

WISNIEWSKI, Bronislaw, mgr inż.

Proceedings and results of investigations on the bottom changes
above and below nikota during the years 1956-1961. Gosp wodna
24 no.10: Suppl: Biul inst gosp wodn 5 no.3:393-395 0 '64.

1. Department of Hydraulic Engineering, Institute of Water
Management, Warsaw.

WISNIEWSKI, Bronislaw; JABLONSKA, Idalia; GASIOROWSKI, Wiktor

Bone marrow in hyperthyroidism. Polski tygod. lek. 12 no.2:
75-79 7 Jan 57.

1. (Z Oddzialu Wewnetrznego Szpitala Miejskiego nr 7 w
Warszawie; b. ordynator prof. dr. Bronislaw Wisniewski i z
I Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i
Specjalizacji Kadr Lekarskich przy Instytucie Gruzlicy w
Warszawie; kierownictwo: prof. dr. Anastazy Landau i prof.
dr. Bronislaw Wisniewski). Adres: Warszawa, Plocka 26.

(HYPERTHYROIDISM, pathol.
bone marrow changes (Pol))

(BONE MARROW, in various dis.
hyperthyroidism (Pol))

WISNIEWSKI, B

EXCERPTA MEDICA Sec.18 Vol.1/8 Cardiovascular Aug 57

2182. WISNIEWSKI B. Odd. Wewnet. Szpit. Miejskiego Nr. 7, Warszawa. O zachowaniu się cholesterolu i jego frakcyj w osoczu i krwinkach ludzi zdrowych oraz chorych z nadczynnością tarczycy *Cholesterol and its fractions in plasma and blood cells of healthy persons and of patients with hyperthyroidism* Rozpr. Komit. Nauk. Med. 1956, 1/1 (71—118) Graphs 1 Tables 8 Illus. 2

In examining 20 subjects with hyperthyroidism total plasma cholesterol was found to be decreased, mainly in its esterified fraction. There may be, however, some cases of hyperthyroidism with an elevated plasma cholesterol level. They differ from other cases of Graves-Basedow's disease by the preponderance of suprathyroidal symptoms (cortico-subcortico-hypophyseal). This elevation is due to increase of free cholesterol; it decreases during the treatment. In 3 cases of hypothyroidism the total plasma cholesterol was high, owing to an increase of its esterified fraction. The level of the same fraction fell during treatment. No significant changes were found in the RBC cholesterol, neither free nor esterified, both as well in hyperthyroidism as in hypothyroidism. It was found to be more stable than the plasma cholesterol. The BMR is more concordant with the clinical state of the patient than cholesterolaemia.

Gibinski — Bytom (XVIII, 6)

Wisniewski, B

EXCERPTA MEDICA Sec.2 Vol.10/4 Physiology, etc. Apr 57

1595. WIŚNIEWSKI B., BRÜHL W. and WOLAŃSKA A. Odd. Wewnętrznego Inst. Gruźlicy i Inst. Doskonalenia i Spec. Kadr Lek., Warszawa. *O zachowaniu się glikozy i innych ciał redukujących we krwi po doustnym obciążeniu glikozą. Variations of glucose and other reducing substances in the blood after oral administration of glucose POL. TYG. LEK. 1956, 11/3 (98-103) Graphs 5 Tables 5

Glucose (I) and reducing substances other than glucose (II) were determined in the blood of fasting subjects by the method of Hagedorn and Jensen, and I alone by the method of Lauber and Mattice. The amount of II was then obtained by difference. The level of II is not constant and varies inversely with that of I; after oral ingestion of I it was lowest at the peak level of I. Czubański - Warsaw

WISNIEWSKI, Bronislaw; NAPIOKOWSKA, Wanda; PIOTROWSKI, Andrzej

Oligobiopsy of the thyroid and its clinical significance in hyperthyroidism. Polskie arch. med. wewn. 27 no.8:1077-1086 1957.

1. Z I Zakladu Chorob Wewnetrznych Instytutu Doskonalenia i Specjalizacji Kadr Lekarskich przy Instytucie Gruzlicy Kierownictwo: prof. dr med. A. Landau i prof. dr med. B. Wisniewski i z Zakladu Patologii Instytutu Gruzlicy Kierownik: prof dr med. S. S. Chodkowska. Adres autora: W-wa. ul. Pruszkowska 6 m 155.

(HYPERTHYROIDISM, pathology,
thyroid oligo-biopsy (Pol))

L 41206-66

ACC NR: AP6018210

(N)

SOURCE CODE: PO/0029/65/000/006/0223/0226

AUTHOR: Wisniewski, Bronislaw (Master engineer)

ORG: Institute of Water Economy (Instytut Gospodarki Wodnej)

TITLE: New methods for making water measurements--hydrostatic profilographs

SOURCE: Przegląd geodezyjny, no. 6, 1965, 223-226 ^{9M}

TOPIC TAGS: hydrostatic pressure, measuring instrument, distance measuring equipment, hydrography

ABSTRACT: The author gives descriptions and technical data for the PG-5 and PG-15 hydrostatic profilographs. The PG-5 records depths to 5 m with an average error of 3% and horizontal distances to 500 m with an average error of 4%. The profile recording scale is 1:200 for the horizontal and 1:100 for the perpendicular. The PG-15 hydrostatic profilograph records depths of 15 m with an average error of 3% and horizontal distances to 1000 m with an average error of 4%. The profile recording scale for this instrument is 1:500 in the horizontal and 1:100 in the perpendicular. Research conducted in the SSSR shows that the PG-5 and PG-15 instruments have the following advantages: rapid measurement recording, accurate profile registration, profile plotting in a definite scale without the necessity for further data processing and high sensitivity in depth measurements. The disadvantages of the PG-5 instrument are: it

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ACC NR: AP6018210

cannot be used in rivers with a muddy bottom or rapid water currents, and the operation of the mechanism for measuring horizontal distances is not sufficiently steady. The PG-15 instrument is considerably more stable in measuring horizontal distances. A brief description is also given of a range-finding profilograph with a depth registration of 15 m and a horizontal distance registration of up to 5000 m. The depth measurement accuracy of this instrument is 3-5% while the accuracy for horizontal measurements is 3-6%. This instrument may be used to cover 10-12 km/hr in streams flowing at a rate of up to 1.5 m/sec. While the hydrostatic instruments give a profile recording with a more exact distance scale than the echo probe method, the selection of the particular type of instrument depends on the hydrological and operational conditions prevailing at the location and time of the measurements. Orig. art. has: 9 figures, 2 tables.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 006/ SOV REF: 005

Card 2/2 hs

WISNIEWSKI, E.

Design of suction rollers. p. 225. (PRZEGLAD PAPIERNICZY, Vol. 10, No. 8, Aug. 1954, Lodz, Poland)

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

WISNIEWSKI, Edward

(Torun)

Third Conference of the Section of Physical Geography of the
Geographic Society of the German Democratic Republic. Czasop.
geogr 35 no.2:251 *64

KUBICKI, Stefan; WISNIEWSKI, Edmund; LOZINSKI, Jan; GOCLOWSKA, Maria

Crohn's disease in the light of observed cases. Pol. tyg. lek.
19 no.41:1567-1569 12 0 '64

1. Z Oddziału Chorob Wewnętrznych Centralnego Szpitala Klinicz-
nego MSW w Warszawie (Kierownik: prof. dr. med. S. Kubicki) oraz
z Oddziału Chirurgicznego Centralnego Szpitala Klinicznego
MSW w Warszawie (Kierownik: dr. med. E. Wisniewski).

REJNIAK, Leopold; WISZNIEWSKI, Eugeniusz; WACZYNSKI, Albin

Secondary osteosarcoma rarefying the adrenals. Pat.polska 10 no 4:
519-522 O-D '59.

1. Z Zakladu Anatomii Patologicznej A.M. w Bialymstoku. Kierownik:
doc.dr.med. L. Komczynski.
(SARCOMA OSTEOGENIC case reports)
(STERNUM neopl.)
(ADRENALS)

WISNIEWSKI, Edmund; PLZWINSKI, Gustaw; BARANSKI, Mieczyslaw

Solitary non-parasitic cysts of the liver. Polski tygod. lek. 14
no.19:859-862 11 May 59.

1. Z Oddzialu Chirurgii Ogolnej Centralnego Szpitala Klinicznego MSW
w Warszawie; ordynator: dr med. E. Wisniewski. Adres: Warszawa 10,
Poznanska 23 m. 16.

(LIVER, cysts
solitary non-parasitic (Pol))

WISNIEWSKI, Edmund; PLEWINSKI, Gustaw

Acute obstruction caused by allergic enteritis of the small intestine consecutive to penicillin and streptomycin therapy. Polski tygod.lek. 15 no.26:995-997 27 Ja '60.

1. Z Oddzialu Chorob Wewnetrznych; b. ordynator: prof. dr med. B.Jochweda i Oddzialu Chirurgicznego; ordynator: dr med. E.Wisniewski, Centralnego Szpitala Klinicznego MSW.

(PENICILLIN toxicol)
(STREPTOMYCIN toxicol)
(INTESTINAL OBSTRUCTION etiol)
(ENTERITIS etiol)

WISNIEWSKI, F.

Analysis of amplifying parametric systems including the parasitic elements of the semiconductor diode. Przem inst telekom prace 12 no.38:1-10 '62.

ACCESSION NR: AT4023925

P/2507/63/013/42-/0029/0036

AUTHOR: Wisniewski, F. (Vishnevski, F.)

TITLE: A semiconductor diode parametric amplifier as the input stage of a radar receiver working in an echo suppressor system

SOURCE: Warsaw. Przemyslowy Instytut Telekomunikacji. Prace, v. 13, no. 42-43, 1963, 29-36

TOPIC TAGS: amplifier, parametric amplifier, semiconductor amplifier, variable parameter amplifier, amplifier gain characteristic, amplifier band width characteristic, amplifier noise characteristic, radar, moving target indicator radar, parametric up-converter, up-converter, four-frequency parametric up-converter, echo killer

ABSTRACT: In order to augment the sensitivity of a receiver as well as to increase the range of a radar set, converters with the lowest possible internal noises and appropriately high amplification are used in the receiver input. One of these converters possessing very good noise properties is the semiconductor

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ACCESSION NR: AT4023925

diode parametric amplifier. In the event a parametric amplifier is used in a radar operating in an echo suppressor system, this amplifier should have not only the appropriate sensitivity, amplification and band width, but in addition the difference of phase shift raised for the received signal in the repetitive cycle should not exceed a specific value. Findings showed that every parametric system which is suitable for amplification of coherent signals can be used as the input stage of a radar receiver operating in an echo suppressor system. However, depending upon the type of system used, the degrees of complication of the design solution and requirements as to the pumping generator stability will be different. It can be stated in general that solutions with four-frequency parametric up-converters do not require as high a pumping generator frequency stability as the systems with an amplifier, since changes in the pumping generator frequency can be compensated in a specific range owing to the use of suitable mixers. The requirements for the pumping power stability are also different. They are the least stringent in the case of a summation mixer, whose amplification results only with an upward frequency change and where the input and output resistances are supplementary. A four-frequency up-converters should occupy second place because it is more sensitive to changes in the pumping power than

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ACCESSION NR: AT4023925

the summing mixer. The most sensitive is the amplifier containing a circulator. It is also the most simple amplifier system, design-wise. Every one of these devices has its own advantages and disadvantages. The use of any one of them is contingent upon the technical requirements. "In conclusion, author wishes to thank Prof. Doctor J. Lenkowski for a number of valuable hints dealing with this study." Orig. art. has: 5 figures and 15 equations.

ASSOCIATION: Przemyslowy Instytut Telekomunikacji (Commercial Telecommunications Institute)

SUBMITTED: 06Dec62

DATE ACQ: 09Apr64

ENCL: 00

SUB CODE: RA, CO

NO REF SOV: 001

OTHER: 007

Card 3/3

L 39920-66

ACC NR: AT6018332

SOURCE CODE: PO/2507/65/015/49-/0039/0043

AUTHOR: Wisniewski, F. -- Vis'nevski, F.; Borkowski, Z. -- Borkovski, Z.

ORG: none

TITLE: L-band parametric amplifier *15*

SOURCE: Warsaw. Przemyslowy Instytut Telekomunikacji. Prace, v. 15,
no. 49/50, 1965, 39-43

TOPIC TAGS: L band, parametric amplifier, signal element, ground
surveillance radar, standing wave, amplifier

ABSTRACT: An L-band parametric amplifier consisting of a circulator, a parametric head, and a pump generator with power supply, is described. The amplifier design, measuring circuits and the results of laboratory measurements are given in the original article. The circulator is built with a strip line with N-type concentric terminals. The input coefficient of the standing wave of the circulator is less than 1.2. The losses are not greater than 0.5 db. The signal line is connected through its wide wall with a 22 x 10-mm wave guide. The pump generator

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ACC NR: AT6018332

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is with a designed X-band 50-mv klystron. The bandwidth of the 20-db amplifier is 8 mcps. The resulting noise coefficient of the receiver with 20-db parametric amplification at the input is about 2.5 db with a noise coefficient of 13 db for the rest of the receiver. The parametric amplifier described was installed in "Avia"-type surveillance radar located at the Warsaw Airport. The amplifier was placed between the TR resonator and the crystal mixer, requiring no further construction changes. To achieve stable operation, it was necessary to use a four-arm circulator which was made by connecting two three-arm circulators. The use of the parametric amplifier made it possible to increase the potential of the radar up to 10 db and the radar range to about 75%. It was experimentally confirmed that the use of the parametric amplifier as an input stage for the receiver did not cause any decrease in the quality of the stationary-target selection system being used in the "Avia" type radar. The authors thank Dr. Engineer J. Klamca for designing a diode tube and Engineer S. Czerka, Engineer W. Niemyski, and Engineer M. Rozalska for making the measurements. Orig. art. has: 5 figures. [Based on authors' abstract] [NT]

SUB CODE: 17,09/ SUBM DATE: 24Apr65/ ORIG REF: 003/

CR

3

Expressions for the number and the mass of the photons of the electromagnetic field in vacuo. P. L. WILKINSON. *Acta Phys. Polonica* 1, No. 1/2, 31-8 (1961) (in French); *Science Abstracts* 35A, 788.—W. considers complex solutions of Maxwell's equations for empty space, and shows that these satisfy 2 further equations which are of the form of continuity equations. Supposing the complex solutions considered to be those appropriate to photons of a given frequency, he interprets the 2 continuity equations as conservation of the mass of the photons and conservation of the no. of the photons. When there are several kinds of photons present, the partial d. of each kind depends on the field due to the others and appears as a periodic function of space and time. G. G.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE 11-11-81 BY 1043

2615. Diamagnetic Susceptibility of Helium. P. J. Wislowski.
Acta Physica Polonica, 2, 1, pp. 23-29, 1933. In French. The principles
of generalised mechanics are applied in the case of a neutral atom of helium
on the Bohr model to calculate the susceptibility, the field vector being
taken normal to the plane of motion of the electrons. The value calculated
agrees well with that found by experiment, viz., $\chi_d = -1.874 \cdot 10^{-6}$. [See
Abstract 1036 (1924).]
G. E. A.

ASAC 314 METALLURGICAL LITERATURE CLASSIFICATION

SA

A 53
2

486. Double and Triple Levels. F. J. Wisniewski. *Acta Physica Polonica*, 2. 2. pp. 219-223, 1933. In French.—On the basis of different conditions being represented by different solutions of the equation $\nabla^2 V = 0$, works out a series of data for different levels [see Abstract 1753 (1933)]. A. D.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES

3RD AND 4TH CODES

5TH AND 6TH CODES

7TH AND 8TH CODES

9TH AND 10TH CODES

11TH AND 12TH CODES

13TH AND 14TH CODES

15TH AND 16TH CODES

17TH AND 18TH CODES

19TH AND 20TH CODES

21ST AND 22ND CODES

23RD AND 24TH CODES

25TH AND 26TH CODES

27TH AND 28TH CODES

29TH AND 30TH CODES

31ST AND 32ND CODES

33RD AND 34TH CODES

35TH AND 36TH CODES

37TH AND 38TH CODES

39TH AND 40TH CODES

41ST AND 42ND CODES

43RD AND 44TH CODES

45TH AND 46TH CODES

47TH AND 48TH CODES

49TH AND 50TH CODES

51ST AND 52ND CODES

53RD AND 54TH CODES

55TH AND 56TH CODES

57TH AND 58TH CODES

59TH AND 60TH CODES

61ST AND 62ND CODES

63RD AND 64TH CODES

65TH AND 66TH CODES

67TH AND 68TH CODES

69TH AND 70TH CODES

71ST AND 72ND CODES

73RD AND 74TH CODES

75TH AND 76TH CODES

77TH AND 78TH CODES

79TH AND 80TH CODES

81ST AND 82ND CODES

83RD AND 84TH CODES

85TH AND 86TH CODES

87TH AND 88TH CODES

89TH AND 90TH CODES

91ST AND 92ND CODES

93RD AND 94TH CODES

95TH AND 96TH CODES

97TH AND 98TH CODES

99TH AND 100TH CODES

SA

4321. Dielectric Constant of Helium. F. J. Winiarski. *Acta Physica Polonica*, 3, 4, pp 303-301, 1934. In French.—In the first part of the paper, the dielectric constant of He is calculated by applying the principles of generalized mechanics on the Bohr model. The calculated value is in good agreement with experiment. The second part deals with the application of the method of corpuscular mechanics previously outlined by the author (see Abstract 1763 (1933)) to the calculation of the ionization potentials of He, B, B I, Cl, C II, N II, N III, O III and O IV. E. R.

A 53
M

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDER		3RD AND 4TH ORDER	
PROCESSES AND PROPERTIES INDEX			
<i>BC</i> <i>a-1</i> Dielectric constants of helium. F. J. WILKINSON. UKI. (Acta phys. polon., 1934, 2, 383-391; Chem. Zentr., 1935, II, 1666).—The val. calc. from the Bohr atom model agree with the experimental val. J. S. A.			
ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION			
1ST AND 2ND ORDER		3RD AND 4TH ORDER	
1ST AND 2ND ORDER 3RD AND 4TH ORDER			

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSES AND PROPERTIES INDEX																			
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J. S. G. T.

ASB-554 METALLURGICAL LITERATURE CLASSIFICATION

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<i>ca</i> Excited nuclear states. Felix J. Witniewski, <i>Acta Phys. Polon.</i> 7, 245-52 (1969); cf. C. A. 32, 6537; 33, 1583 and preceding abstract. The γ-radiation of the energies 4, 6, 8 and 12 m. e. v., resp. observed by Crane and Lauritsen, <i>Acta Phys. Polon.</i> 7, 245-52 (1969) during the bombardment of Li with accelerated protons are attributed, according to W. 's nuclear model, to the atoms ^6Li, ^7Li and ^8Li, resp. 3																																																			
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<i>BC</i> <i>A-1</i> Structure of nuclei. F. J. WIMMERWAL (Acta Phys. Polon., 1939, 7, 207—213).—Theoretical calculations of mass defects of H, He, Li, and Be nuclei. J. A. K. ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION																									
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<i>BC</i> <i>171</i> Excited states of nuclei. F. J. WISNIEWSKI (Acta Phys. Polon., 1939, 7, 245-252). — γ Rays of energies 4, 6.9, and 12 Me.v. are observed during the reactions ${}^7\text{Li} + {}^1\text{H} = 2{}^4\text{He}$ and ${}^7\text{Li} + {}^1\text{H} = {}^4\text{He} +$ ${}^3\text{He}$. From theoretical calculations of the energies of excited states of nuclei, these rays have been ascribed to ${}^7\text{Li}$, ${}^6\text{He}$, and ${}^4\text{Li}$, respectively. J. A. K.																																																			
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Theory of the proton. F. J. WILKINSON. (Acta Phys. Polon., 1959, 7, 310-317).—Mathematical. On the hypothesis that the proton is composed of a positron revolving about a neutron and that the particles attract each other with a force inversely as the fourth power of their distance and as the product of their masses, a model is constructed from which values for the magnetic moments of the proton, the neutron, and the deuteron in accordance with experimental values may be calc. O. D. S.																																																			
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Theory of the nucleus
The nucleus is a central part of the atom, containing protons and neutrons. It is surrounded by a cloud of electrons. The nucleus is made up of nucleons, which are protons and neutrons. The protons are positively charged, and the neutrons are neutral. The electrons are negatively charged. The nucleus is the center of the atom, and it is the source of the atom's mass. The electrons are in motion around the nucleus, and they are held in place by the attractive force of the protons. The nucleus is the core of the atom, and it is the part that determines the element's identity. The number of protons in the nucleus is the atomic number, and the number of neutrons is the mass number. The total number of protons and neutrons is the mass number. The nucleus is the central part of the atom, and it is the source of the atom's mass. The electrons are in motion around the nucleus, and they are held in place by the attractive force of the protons. The nucleus is the core of the atom, and it is the part that determines the element's identity. The number of protons in the nucleus is the atomic number, and the number of neutrons is the mass number. The total number of protons and neutrons is the mass number.

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Panstwowe Wydawn. Rolnicze i Lesne, 1953.

P. 220 (A field brigade in state farms; a guidebook of agrotechny. 1st ed.)

DA

Not in DLC

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

WISNIEWSKI, F.

POLAND/General Questions

A

Abs Jour: Ref Zhur-Khimiya No. 7, 1957, 21886

Author : Skarzynski, F. and Wisniewski, F.

Inst : None

Title : Exercises in general chemistry. For students of medical and stomatological schools, 2nd edition.

Orig Pub: Panstw. Zaklad Wydawn. Lekars, 1955 339 p., 21z1.
(published in Polish)

Abstract: No abstract

Card 1/1

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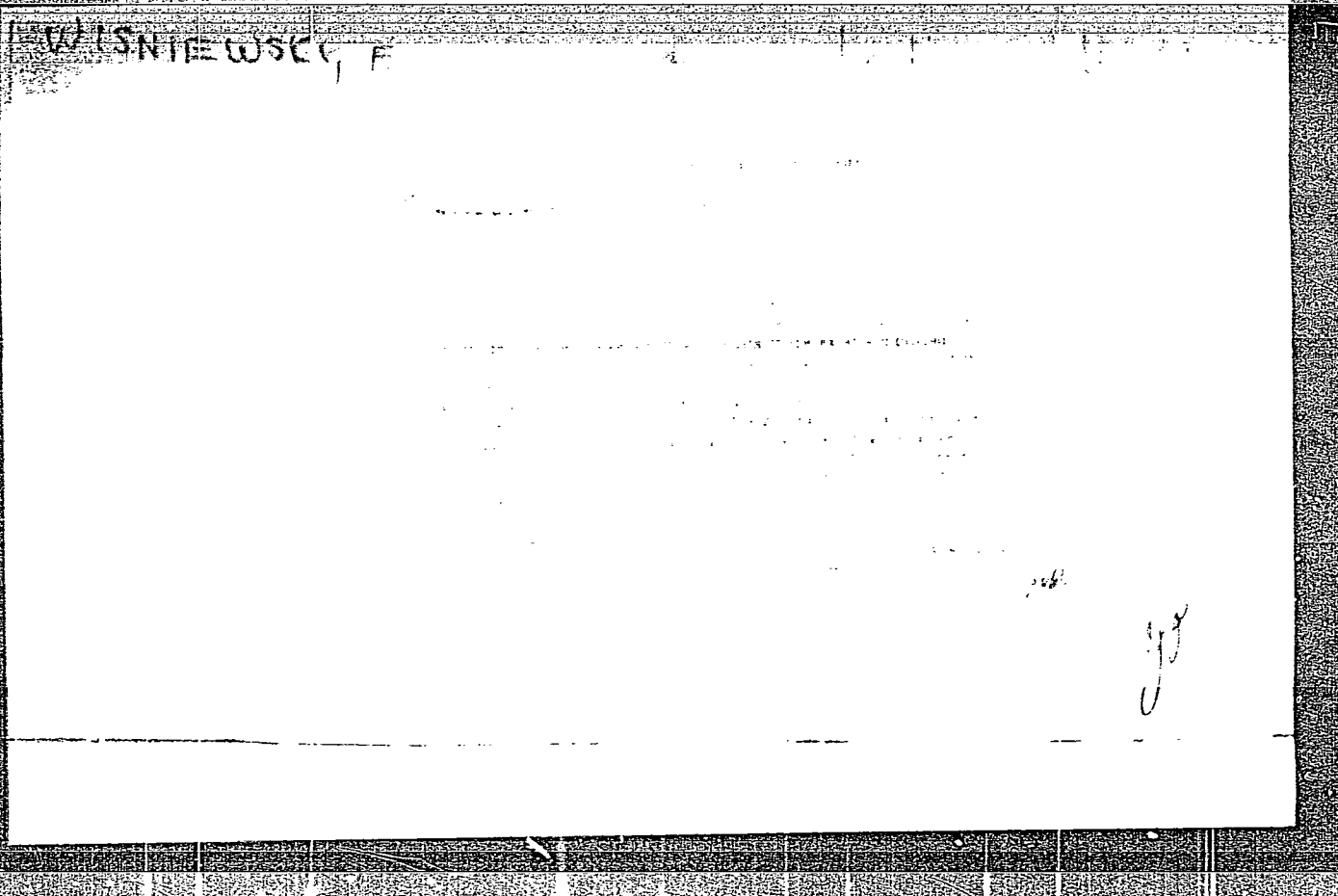
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MAGNETIC MOMENTS OF LIGHT NUCLEI. F. J.

Wislowski (Lodz, Poland). Nuovo cimento (19), 2, 323-324 (1955) Ang. (in French)

Equations are derived for the magnetic moment due to the rotation of the nucleus, treating the nucleus as a solid body. Magnetic moments are calculated for Li^7 , Bo^9 , B^{11} , B^{12} , and N^{14} using these equations, and the results are tabulated and compared to experimental values. Results indicate that these theoretical values are very close to the experimental values. (B.J.R.)

Bmg
MGT



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Vol. 5, no. 2, 1956
ARCHIWUM ELEKTROTECHNIKI
TECHNOLOGY
Warszawa, Poland

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

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PLATE I BOOK REVISIONS 807/4983

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii, SSSR, Moskva, 14-15 iyunya 1960 g. doklady i srernostevy. Sest'ye II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-15, 1960. Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 559 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T.A. Prusakov.

FOREWORD: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

CONTENTS: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or initiators by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

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(BRAIN STEM neopl)
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WIECKOWSKA, Wanda; KRUSZEWSKI, Stanislaw; WISNIEWSKI, Henryk

The effect of radioopaque contrast media on the pancreatic parenchyme.
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dr W. Czarnocki Z Kliniki Neurologicznej A.M. w Gdansk Kierownik:
prof. dr Z Majewska.

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1. Adiunkt Zakladu Neuropatologii PAN.
(CEREBRAL VENTRICLES)

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(RETICULOENDOTHELIAL SYSTEM physiol.)
(ENCEPHALITIS EPIDEMIC physiol.)

MAJEWSKA, Zofia; LEHMANOWA, Jolanta; PIELOWSKI, Jan; JANIKOWSKI, Tadeusz;
WISNIEWSKI, Henryk

Brain neoplasms in older and newborn infants. Neurol. neurochir. psy-
chiat. pol. 12 no.1:7-14 '62.

1. Z Oddziału Neurologii Dziecięcej im. Janusza Korczaka Kierownik:
prof. dr Z. Majewska Z Zakładu Anatomii Patologicznej AM w Gdansk.
Kierownik: prof. dr W. Czarnocki Z Zakładu Neuropatologii PAN Kierownik
prof. dr A. Kunicki.

(BRAIN NEOPLASMS in inf & child)
(INFANT NEWBORN dis)

NAZAREWICZ, Teresa; LEDOCHOWSKI, Zygmunt; KONOPA, Jerzy; STENZEL, Jan;
PIKIEL, Leonard; FALKOWSKI, Leonard; WISNIEWSKI, Henryk

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Lecznicznych Politechniki Gdanskiej Kierownik: prof. dr Z. Ledochowski
i z Pracowni Nr 8 Zakladu Syntezy Organicznej Polskiej Akademii Nauk
Kierownik: prof. dr Z. Ledochowski.
(ANTINEOPLASTIC AGENTS pharmacol) (FUNGI)

WISNIEWSKI, Henryk; WRZOLKOWA, Teresa; ZYROMSKA, Monika

2 cases of cerebellar medulloblastoma in adults. Neurol. neurochir. psychiat. pol. 12 no.4:501-508 '62.

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(CEREBELLAR NEOPLASMS) (MEDULLOBLASTOMA)

WISNIEWSKI, Henryk; WRZOLKOWA, Teresa; ZYROMSKA, Monika

Two cases of medulloblastoma of the cerebellum in adults.
Neurol neurochir psych 12 no.4:501-508 J1-Ag '62.

1. Zaklad Neuropatologii, Polska Akademia Nauk, Warszawa.
Kierownik: prof. dr A. Kunicki; Zaklad Anatomii Patologicznej,
Akademia Medyczna, Gdansk; Kierownik: prof. dr W. Czarnocki; 1
Klinika Neurologiczna, Akademia Medyczna, Gdansk; Kierownik:
prof. dr Z. Majewska.

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AUTHORS: Bobrowski, D., Ratajczak, Z., Wiśniewski, H.

TITLE: On an approximate solution of a second-order linear differential equation

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 30, abstract 11V133 (Zesz. nauk. Politechn. poznańsk. Mechaniz. i elektryf. roln., s. a., no. 3, 183 - 196; Polish; summaries in Russian, English) f

TEXT: An approximate solution is derived for the differential equation (1)
 $\ddot{x} + f(t)\dot{x} + g(t)x = 0$
 for the finite interval $[0, t_1]$, in which $f(t)$ and $g(t)$ are continuous functions of the real variable t and satisfy the condition
 $g(t) > \frac{1}{4} [|f(t)| + \beta^2] + \gamma,$
 where

$$\beta = \frac{1}{2} \left[\sup_{0 \leq t \leq t_1} f(t) - \inf_{0 \leq t \leq t_1} f(t) \right].$$

Card 1/2

On an approximate solution of a second-order

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A060/A000

$$\gamma = \frac{1}{2} \left[\sup_{0 \leq t \leq t_1} g(t) - \inf_{0 \leq t \leq t_1} g(t) \right].$$

The result yields the approximate solution of the form

$$\bar{x}(t) = \bar{A}_0 \exp \left[-\frac{1}{2} \int_0^t f(\tau) d\tau \right] \sin \left\{ \frac{\omega^2}{2k} t + \bar{\alpha}_0 - \frac{1}{2k} \int_0^t [\delta f(\tau) - g(\tau)] d\tau \right\}, \quad 0 \leq t \leq t_1,$$

which may differ arbitrarily little from the exact solution of equation (1) provided that βt and γt are sufficiently small.

I.A. Kovalev

[Abstracter's note: Complete translation]

Card 2/2

WISNIEWSKI, Jan

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of Cannabis sativa (L.) Nauki matemat. przyrod. Lodz no. 15: 33-
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p. 148
Vol. 8, no. 5, Sept./Oct. 1954
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P.T.A. WISNIEWSKI, J.

Mech. + Elec. Engineering

636

629.12.073

Dobromirski W., Wiśniewski J. Computation of Righting-Arm Curves for the Transverse Stability of Ships by Using Longitudinal Hull Sections.

„Obliczenie krzywej ramion momentu stateczności poprzecznej statków przy zastosowaniu wzdłużnicowych przekrojów kadłuba”. Technika Morza i Wybrzeża. No. 11. 1950, pp. 316--324, 10 figs, 4 tabs.

This article, while substantiating the theoretical methods drawn up by the Chair of Ship Designing of the Gdańsk Polytechnic on the

basis of principles quoted by Esser (1902), is at the same time an attempt at systematization of the definitions and terms used in calculations of geometrical characteristics of ships' hulls. The parts dealing with the properties of the integral curves of longitudinal sections are intended to determine the anticipated course of these curves in a manner making it possible to obtain a degree of accuracy sufficient for computation purposes of diagrams of the curves, with a minimum number of tedious planimeter, or integrator measurements.

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PTA

4

1433

629.12.011.073

Dobromirski W., Wisniewski J. Computation of Righting Arm Curves of the Transverse Moment of Stability of Ships by Means of Longitudinal Hull Sections. Part 2.

„Obliczenie krzywej ramion momentu stateczności poprzecznej statków przy zastosowaniu wzdłużnicowych przekrojów kadłuba” Technika Morza i Wybrzeża. No. 1, 1951, pp. 19—24, 9 figs.

Description of functions necessary for the purpose of computing righting arm curves of the transverse moment of stability of ship by means of the method outlined. The computations are taken to a point at which the results arrived at will make possible, when applying the hypotheses given in sections 1 and 2 of Part 1 of this publication, a graphic transposition of the delineation of functions

$x(V, q)$ and $y(V, q)$ — being coordinates of the centre of buoyancy in an axial system. The planimeter as an instrument for carrying out the requisite approximate integrations. The use of integrators. Comparison of the method proposed with methods hitherto in use, together with a discussion on the usefulness of application of this new method.

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Wislewski J. Integrator Method of Computing the Righting-Arm
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029.12.098 : 518.4

„Zastosowanie Integratora do obliczeń krzywej ramion pary
prostującej metodą przekrojów wzdłużnicowych". Technika i Gospo-
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The contingences determined between the coordinates of the centre
of displacement in the axial hull system make it possible to ascertain, in
a simple and ready manner, and with one of the coordinates known,
the other coordinate, and to compute the ordinates of the righting-arm
curve for a given displacement and position of the centre of gravity.
The computation procedure quoted in the article is based on the
longitudinal hull cross-section method, an integrator being used for
this purpose.

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Chemical Abst.
Vol. 48 No. 8
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Chemical Industry and
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Activation of γ -Fe(OH)₃ by amphoteric metal hydroxides and abnormal behavior of some complex catalysts of this type. Alfons Krause and Jerzy Wisniewski (Univ. Poznan, Poland). *Kochinski Chem. Zvest.* 1953, 7, 100 (German summary). --In the oxidation of HCOOH with H₂O₂, γ -Fe(OH)₃ is a comparatively weak catalyst but is activated by copptd. Mg(OH)₂, Pb(OH)₂, and especially Cu(OH)₂. Dry mixing of Cu²⁺ with Fe(OH)₃ has the same effect. An abnormal increase in the activation is observed with decreasing concn. of the complex γ -Fe(OH)₃/CuO catalyst. M. F. All.

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(Electronic calculating machines)

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1. Department of Ship Design, Technical University, Gdansk.