BURACZEWSKA, M.; KWIEK, S.; MIANOWSKA, W.

Comparison of microculture with macroculture in determination of Mycobacterium tuberculosis sensitivity to streptomycin. Polski tygod. lek. 7 no. 46:1527-1528 17 Nov 1952. (CIML 24:1)

1. Of the Depart ~nt of Bacteriology of the Institute of Tuberculosis (Director- Prof. Janina Misiewicz, M.D.) in Warsaw.

MIANOWSKA, Z.

Investigations of the specificity of quantitative properties of serologic reactions. Med.dośw.mikrob. 2 no.2:169-170 1950.
(CLML 20:6)

1. Summary of report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 1949. (Warsaw.)

MEISEL, H.; MIANOWSKA, Z.

Comparative investigations on Wassermann's and Sachs-Witebski's reaction (cytocholic). Polski tygod.lek. 5 no.51-52:1768-1773. 27 Dec 50.
(CLML 20:6)

1. Of the National Institute of Hygiene.

MIANOWSKA, Zofia; JEZIORANSKIA, Alicja (Warszawa)

Comparative studies on Weinberg's and H. J. Bensted's and J. D. Atkinson's methods. Wiadomosci parazyt., Warsz. 2 no. 5 Suppl:121-122 1956.

1. Zaklad Bakteriologii PZH i Zaklad Parazytologii Lek. PZH.
(ECHINOCOCCOSIS, diagnosis,
complement fixation, comparison of Weinberg's & Bensted-Atkinson's methods (Pol))
(COMPLEMENT,
fixation in echinococcosis, comparison of Weinberg's & Bensted-Atkinson's methods (Pol))

MIANOWSKA, Zofia, asystenci techniczni; Jozef A Makarowska, Maria Jankiewicz

Serodiagnosis of infectious mononucleosis. Med. dosw. mikrob. 11 no. 1: 43-50 1959.

1. Z Panstwowego Zakladu Higieny w Warszawie.
(INFECTIOUS MONONUCLEOSIS, diag.
serol. (Pol))

MIANOWSKA, Zofia

A thermostable soluble antigen from beef erythrocytes in the serodiagnosis of infectious mononucleosis. Med. dosw. mikrobiol. 16 no.3:233-238 '64.

1. Z Zakladu Bakteriologii Panstwowego Zakladu Higieny w Warszawie (Kierownik: prof. dr W. Wojciechowski).

MIANOWSKI, A.

"Documentation on Complex Hydraulic Investments." p. 441, (GOSPODARKA WODNA, Vol. 13, No. 12, Dec. 1953. Warszawa, Poland.)

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

MIANOWSKI, A.

"Problem of Organization of Big Water Works." p. 170, (GOSPOD. KOM. WODNA, Vol. 14, No. 5, May 1954. Warszawa, Poland.)

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

MIA[illegible] I, A.

Technical gains in the Soviet [illegible] engineering. [illegible]
[illegible] (Naczelna Organizacja Techniczna) Warszawa
Vol. 14, no. 11, Nov. 1[illegible]

So. East European Accessions List [illegible] Vol. 5, No. [illegible]

MIANOWSKI, K.

POL.

3108

666.982.2 : 621.778.1 : 624.041.62

Mianowski K. The Problem of Static Work of the Straining Bed for Prestressed Chord-Concrete Elements.

„Zagadnienie pracy statycznej toru naciągowego do produkcji elementów strunobetonowych". Inżynieria i Budownictwo. No. 6, 1953, pp. 188—197, 5 figs., 1 tab.

According to modern technology in the production of chord-concrete elements, the straining bed should be of a trough-like section. On the assumption that the straining force and the moment following from the eccentric application of the straining force relative to the centre of the bed section are carried by the straining trough, a formula has been elaborated for the bending moment at a random cross-section of the straining bed.

MIANOWSKI, Zdzislaw; BUCZYNSKI, Mieczyslaw

Wells with reversed gravel filters. Przegl geolog 10 no.2:101-103 F '62.

POLAND

MIANOWSKI, Zdzislaw

Central Laboratory of the Gas Industry (Centralne Laboratorium Gazownictwa), Warsaw

Warszawa, Przegląd geologiczny, No 7, July 1966, pages 296-300

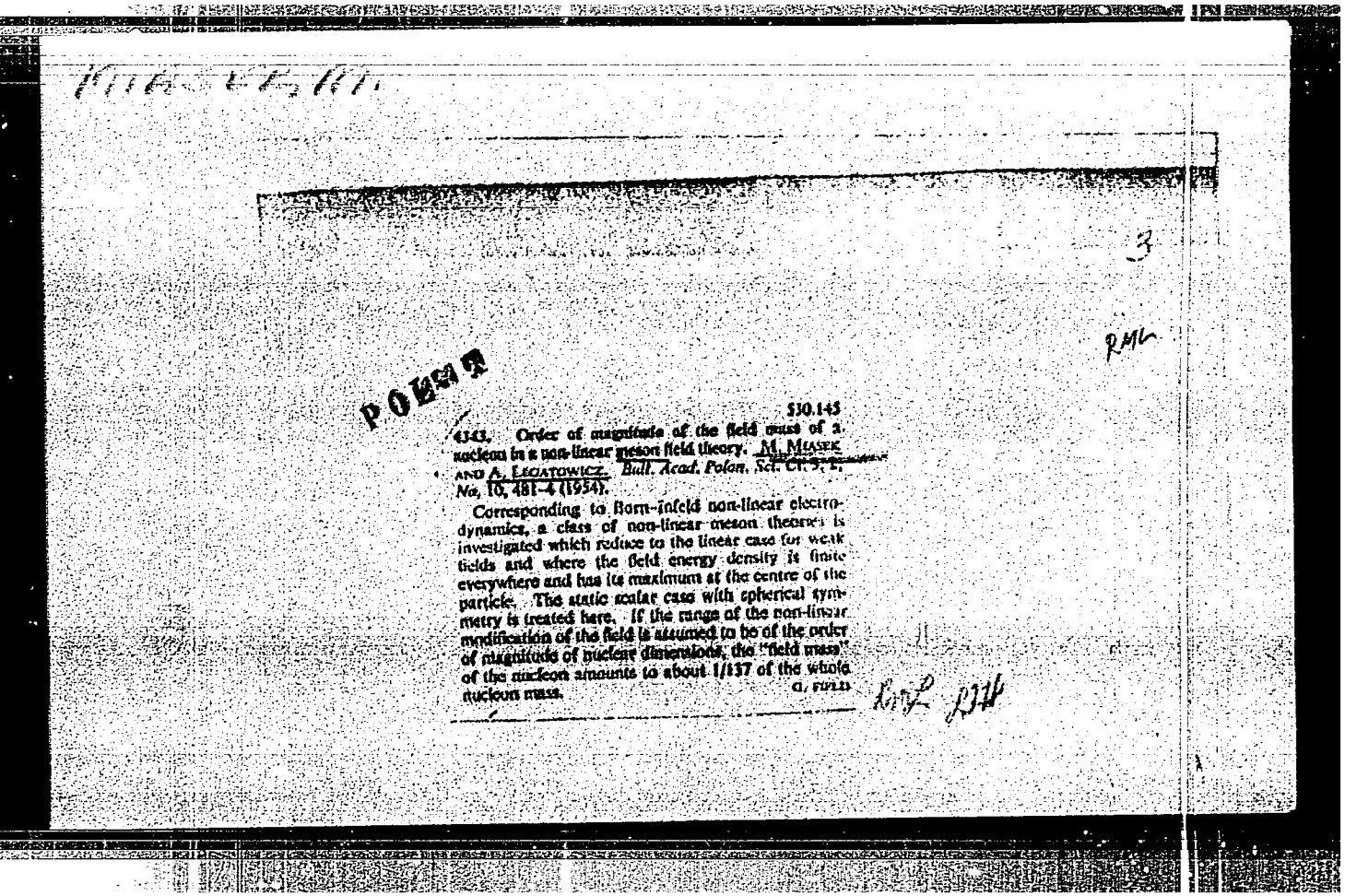
"Project of geological and hydro-gasodynamic classification of reservoirs for underground storage of gases and a short description of the characteristics of distinguished reservoirs."

HAGEL (Poland); MIARKO (Poland)

Magneto-elastic stress measurement apparatus. Hut listy 17 no.2: 98-100 F '62.

MYAZ', N.I. [Miaz', N.I.]; GABINET, M.P. [Habinet, M.P.]

Clay minerals in crystal-bearing veins of central Kazakhstan.
Visnyk L'viv.un. Ser.geol. no.1:155-157 '62. (MIRA 16:7)
(Kazakhstan—Clay)



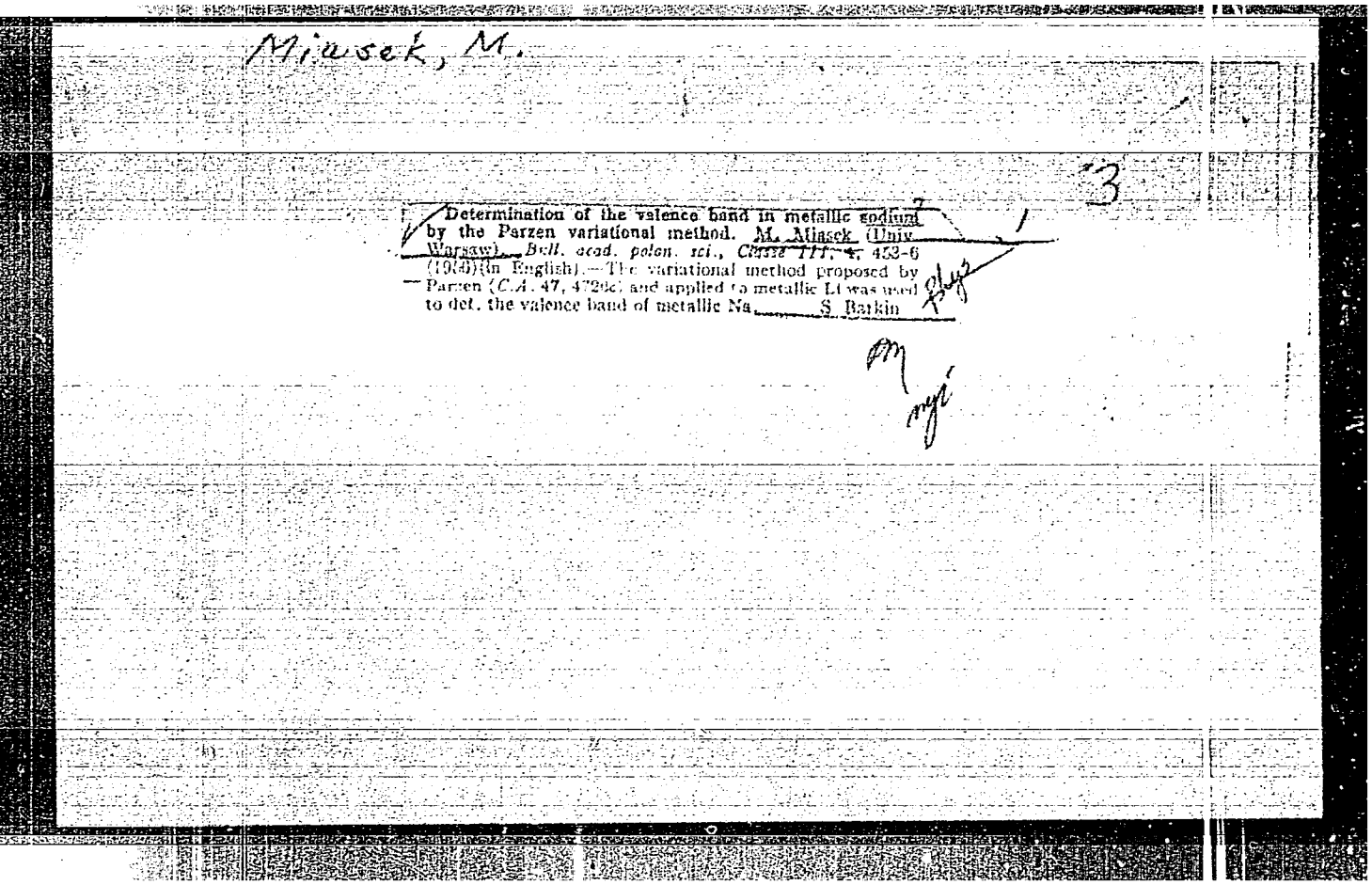
POLAR

530.145

4343. Order of magnitude of the field mass of a nucleon in a non-linear meson field theory. M. MIESEK AND A. LECIATOWICZ. *Bull. Acad. Polon. Sci. Cl. 3*, 2, No. 10, 481-4 (1954).

Corresponding to Born-Infeld non-linear electrodynamics, a class of non-linear meson theories is investigated which reduce to the linear case for weak fields and where the field energy density is finite everywhere and has its maximum at the centre of the particle. The static scalar case with spherical symmetry is treated here. If the range of the non-linear modification of the field is assumed to be of the order of magnitude of nucleon dimensions, the "field mass" of the nucleon amounts to about 1/137 of the whole nucleon mass.

G. FIELD



Miasek, M.

3

Determination of the valence band in metallic sodium by the Parzen variational method. M. Miasek (Univ. Warsaw). *Bull. acad. polon. sci., Classe III*, 4, 453-6 (1956)(In English).—The variational method proposed by Parzen (*C.A.* 47, 472dc) and applied to metallic Li was used to det. the valence band of metallic Na. S. Barkin

MIASEK, M.

"The Polish-Czechoslovak Conference on Physics of Solid Bodies; Sopot, November 5-9, 1956."

p. 163 (Kosmos. Serbia B: Przyroda Nieozywiona) Vol. 6, no. 2, 1957 Warsaw, Poland

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

2

[illegible], M. The calculation of the matrix components of energy for hexagonal close-packed structure. Bull. Acad. Polon. Sci. Cl. III. 4 (1956), 805–810 (1957).

The tight binding method is applied to the hexagonal close-packed structure. The matrix components of energy between Bloch functions are expressed in terms of the general energy integrals (E-integrals). These expressions are simplified considerably by using the two centre approximation. This approximation reduces the number of different integrals from 72 to 7. *A. C. Hurley.*

RB 4/1

B

Country : Poland
Category : Physical Chemistry - Crystals.

Abs. Jour : RZhKhim., No 15, 1959 [illegible]

Author : Miasek, M.
Institut. : Not given
Title : The Application of the [illegible] Method to the Investigation of Energy [illegible] Ordered Structures. I.

Orig. Pub. : Acta Phys. Polon., [illegible]

Abstract : The author discusses the application of the [illegible] binding method ([illegible]) to the calculation of energy levels in [illegible] crystals of the type [illegible], being atomic s, p, and d-orbitals. [illegible] the calculation [illegible] the wave functions of different symmetry and [illegible] cell [illegible] two non-equivalent atoms. [illegible] Bloch [illegible] for each value of the wave vector. [illegible] the calculation of [illegible] levels in the crystal requires the evaluation [illegible] matrix (having [illegible] elements) and its subsequent diagonalization. The article discusses in detail the simplification of the above-indicated matrix by the use of symmetry elements and [illegible] translation

Card: 1/2

Miasek, M.

COUNTRY : Poland
CATEGORY : B-5

ABS. JOUR. : RZKhim., No. 14 1959, No. 49611

AUTHOR : Miasek, M
INST. : Not given
TITLE : The Application of the Tight-Binding Method to the Investigation of Energy Bands in Hexagonal Close-Packed Structures. II.

ORIG. PUB. : Acta Phys. Polon., 16, No 5, 447-454 (1957)

ABSTRACT : The author presents a table of explicit expressions for the matrix elements of the energy of hcp crystal lattices; the expressions contain E-integrals for the adjacent atoms from the second to the fourth atom, the results for the nearest neighbor atoms have been presented in an earlier paper. For Communication I see RZhKhim, No 13, 1957, 44911.

V. Urbakh

CARD: 1/1

B-19

Miasek, Maria

ACTA PHYSICA POLONICA
Vol XXI, Nr 6, 1957

3

THE APPLICATION OF THE TIGHT BINDING METHOD TO THE INVESTIGATION OF ENERGY BANDS IN HEXAGONAL CLOSE-PACKED STRUCTURE, II.

By Maria Miasek

Institute of Theoretical Physics University of Warsaw, Warsaw

(*Received July 2, 1957*)

In this work are given these terms in the matrix components of energy for hexagonal close-packed lattice, which contain E-integrals for the neighbour atoms from the second to the fourth.

POLAND/Solid State Physics - Solid State Theory. Crystallography. E

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24871

Author : Miasek, Maria
Inst : Warsaw University, Poland

Title : The Application of the Tight Binding Method to the Investigation of Energy Bands in Hexagonal Close-Packed Structure.

Orig Pub : Acta phys. polon., 1958, 17, No 6, 371-387

Abstract : The author calculates the integrals encountered in the expression for the energy of the single-electron spectrum of hexagonal close-packed structure in the tight-binding approximation, as derived in the preceding paper by the author (Referat Zhur Fizika, 1958, No 12, 27419). Account is taken of paired interaction not only between the nearest neighbors, but also the next to nearest neighbors up to the fourth order. -- K.P. Gurov

Card 1/1

MIASEK, M.

Tight binding method for white tin. Bul Ac Pol mat 8 no.2:89-93 '60.
(EEAI 9:12)

1. Institute of Physics, Polish Academy of Sciences. Presented by L.Infeld.

(Tin) (Crystal lattices)

MIASEK, M.; SUFFCZYNSKI, M.

Space group of white tin. I. Symmetry points. II. Symmetry lines and planes. Bul Ac Pol Mat 9 no.6:477-487 '61.

1. Institute of Physics, Polish Academy of Sciences. Presented by L. Infeld.

MIASEK, M.; SUFFCZYNSKI, M.

Space group of white tin. IV. Basis functions for the irreducible representations at symmetry points. Bul Ac Pol Mat 9 no.8:609-615 '61.

1. Institute of Physics, Polish Academy of Sciences. Presented by L. Infeld.

89378

P/045/61/020/001/003/006
B108/B209

16.2132
24.2120 (1049, 1502, 1482, 1532)

AUTHOR: Miąsek, Maria

TITLE: The distribution of electrons in the process of impact ionization

PERIODICAL: Acta Physica Polonica, v. 20, no. 1, 1961, 43-58

TEXT: The chief task was the calculation of the probability function of an electron occupying a state with definite energy in the conduction band for the case of non-vanishing width of the valency band. This is meant after such a process of "impact" ionization in which an electron from the conduction band with $J \leq E(\vec{k}_1) \leq 2J$ "collides" with an electron from the valency band and thus also shifts this electron into the conduction band. $\vec{k}_1$ denotes the wave vector of the primary electron, J - the energy gap between valency and conduction band. In general, the author follows the notations used by W. Franz (Z. Phys., 132, 285 (1952)). In this prccess the laws of conservation of energy and momentum are satisfied if

Card 1/8

The distribution of electrons in the process...

$$K^2 = \frac{1}{2}\left[k_1^2 + \frac{2m}{\hbar^2} E(k_2)\right] - k_0^2 > 0, \qquad (3),$$

where $\vec{k}_o$ is a function of $(\vec{k}_2 + \vec{k}_n)$, $\vec{k}_n$ - the vectors of the reciprocal lattice. $\vec{k}_1' + \vec{k}_2' = 2\vec{k}_o$. $\vec{k}_1'$ and $\vec{k}_2'$ are the wave vectors after collision. The expression for the probability function for the state with energy $E(\vec{k}_1')$ is given (after the approximations by Franz) by

$$P(k_1, E(k_1')) = C \int \frac{d_3 k_0}{k_0}, \qquad (6)$$

with

$$C = \frac{4m^2 e^4 (1+2\mu)^4}{\pi^2 \hbar^5 (1+\mu)^4} \cdot \frac{\left|a\left(-\frac{1}{1+2\mu} k_1\right)\right|^2}{k_1^4}, \qquad (7)$$

and $\mu = m/m^*$; m^* - effective mass of an electron in the valency band. The range of integration (allowed $2\vec{k}_o$) is found from the condition $K^2 \geqslant 0$.

Card 2/8

The distribution of electrons in the process...

$K^2 = 0$ gives the boundary surface of this region, which is a sphere the center of which is connected to the origin of $\vec{k}_1$ by the vector. $2\mu\vec{k}_1/(1 + 2\mu)$. Equation

$$\left(2k_0 - \frac{2\mu}{1+2\mu}k_1\right)^2 = \frac{2(1+\mu)}{(1+2\mu)^2}(k_1^2 - \bar{k}_1^2). \qquad (8)$$

with the ionization break-off energy

$$\frac{\hbar^2}{2m}\bar{k}_1^2 = \frac{1+2\mu}{1+\mu}J. \qquad (9)$$

shows that ionization from the highest level is impossible in the case considered, i.e. $\vec{k}_1$ is always outside the sphere. Two cases may occur: Fig. 1 for the first and the following μ and $\vec{k}_1$: $0 \leq \mu \leq 1/2$, $\bar{k}_1^2 \leq k_1^2 \leq \bar{J}/(1 - \mu)$; $\mu \geq 1/2$, $\bar{k}_1^2 \leq k_1^2 \leq 2\bar{J}$ with $\bar{J} = \frac{2m}{\hbar^2}J$. Fig. 2 for $\mu < 1/2$, $\bar{J}/(1 - \mu) < k_1^2 \leq 2\bar{J}$. Total energy of the two electrons before

The distribution of electrons in the process...

ionization is $\varepsilon = E(\vec{k}_1) + E(\vec{k}_2)$, after ionization $\varepsilon_{min} \leq E(\vec{k}_1') + E(\vec{k}_2') \leq \varepsilon_{max}$. In the case of Fig. 1 there are four different ranges of the ratio $\varepsilon_{min}/\varepsilon_{max}$ in which the integration regions are different:

$$\tfrac{1}{2} < \delta_{min}/\delta_{max} < 1 \qquad \text{(I.1)}$$

$$\tfrac{1}{2}(3-\sqrt{5}) < \delta_{min}/\delta_{max} < \tfrac{1}{2} \qquad \text{(I.2)}$$

$$\tfrac{1}{4} < \delta_{min}/\delta_{max} < \tfrac{1}{2}(3-\sqrt{5}) \qquad \text{(I.3)}$$

$$0 < \delta_{min}/\delta_{max} < \tfrac{1}{4} \qquad \text{(I.4)}.$$

In the second case (Fig. 2), two ranges exist:

$$\tfrac{1}{2} < \delta_{min}/\delta_{max} < 1 \qquad \text{(II.1)}$$

$$0 < \delta_{min}/\delta_{max} < \tfrac{1}{2} \qquad \text{(II.2)}.$$

The distribution of electrons in the process...

The function $P(\vec{k}_1, E(\vec{k}_1'))$ is given for all the cases mentioned. There are three characteristic shapes of this function: Fig. 6 for the case that P vanishes for some values of $E(\vec{k}_1')$, Fig. 7 for P = 0 only when $E(\vec{k}_1') = 0$, ε_{max}; and Fig. 8 for P ≠ 0 wnen $E(\vec{k}_1') = 0$. The present work was begun at the Institute of Technical Physics of the Czechoslovak Academy of Science in Prague. In conclusion, the author thanks Doctor E. Antončik for suggesting the problem and for his discussions. A. Zaręba is mentioned. There are 9 figures and 5 references: 2 Soviet-bloc.

ASSOCIATION: Institute of Theoretical Physics, University of Warsaw, Warsaw (sic!)

SUBMITTED: May 23, 1960

Card 5/8

The distribution of electrons in the process...

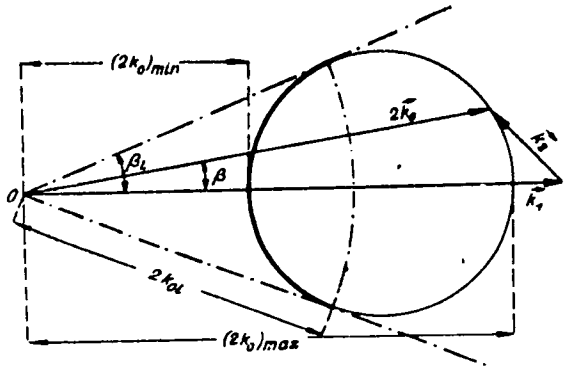


Fig. 1

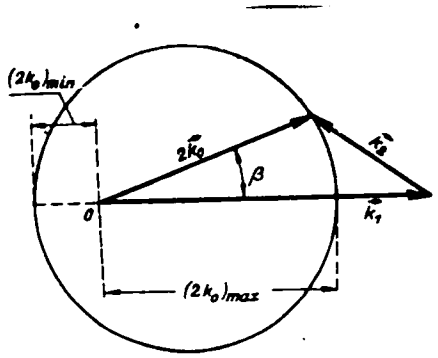


Fig. 2

Card 6/8

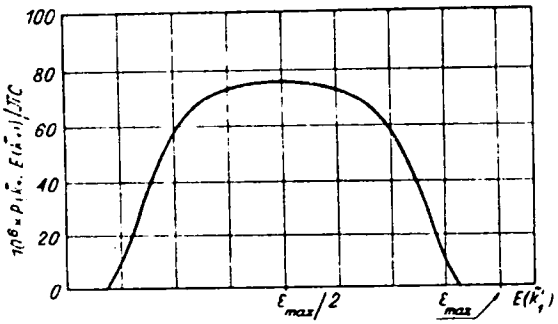


Fig. 6

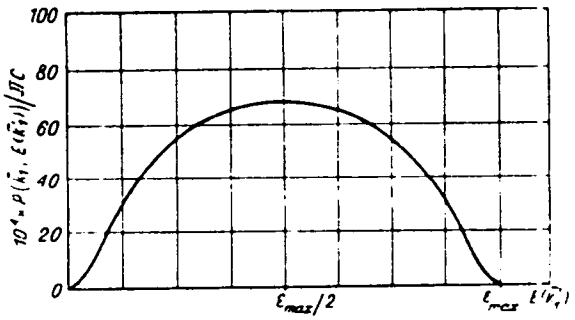


Fig. 7

4.

The distribution of electrons in the process...

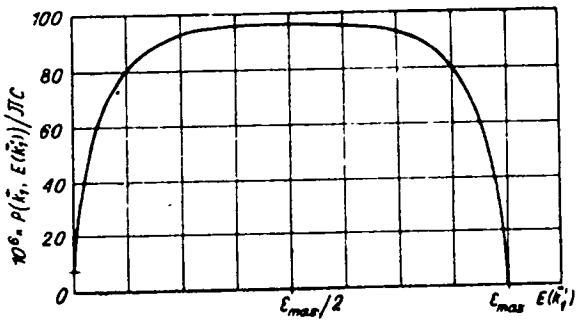


Fig. 8

Card 8/8

MIACIK, B.

Measurement of vibrations in shell models by means of electroacoustic equipment.

p. 292, (Inzynieria I Budownictwo. Vol. 14, no. 9, Aug. 1957, Warszawa, Poland)

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

1. BEKHTEREV, V. M., MIASISHCHEV, V. N., PORTNOV, A. A., FEDOTOV, D. D.
2. USSR (600)
4. Physiologists
7. Zhur. nevr. i psikh. 52 no. 12: 1952

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

MIASKIEWICZ, Czeslaw

The status of maturity of the skeleton of the [illegible] (distal epiphyses, in young persons of both sexes [illegible] to 23 years. Folia med. Cracov. 6 no.4:515-[illegible] 1964.

SOKOŁOWSKA-PITUCHOWA, Janina; [illegible], Czesław

[illegible] on the sesamoid bones of the hands in mares. Folia morph. (Warsz.) 24 no.2:141-147 '65.

1. Z Zakładu Anatomii [illegible]owej i Topograficznej AM w Krakowie (Kierownik: doc. dr. [illegible]).

MIASNICOV, I.; ALTAR, M.

Mathematical methods, efficacious means of saving material resources. Probleme econ 15 no.11:110-126 N '62.

RUMANIA/Forestry - Forest Cultivation. K-5

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39119 K.

Author : Miasnicov, M., Plesa, I., Florescu, GH.
Inst : -
Title : Agricultural Melioration. P. 1. Protective Strips on Plains.

Orig Pub : Inst. agron. "N. Balcescu". Bucuresti, 1956, 378 p., ill.

Abstract : No abstract.

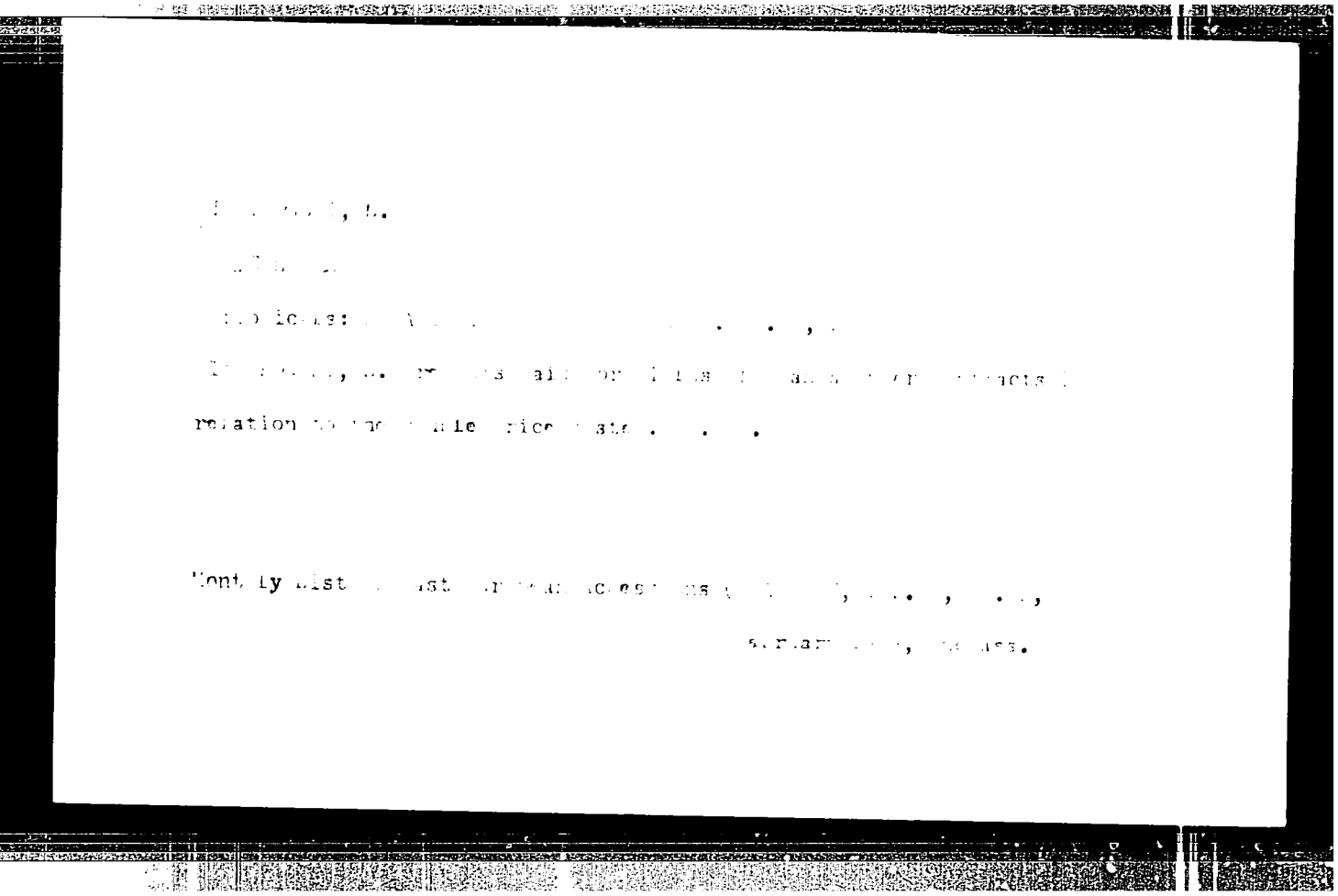
Card 1/1

END
- 28 -

JANKOWSKI, Adam, technik; LIZAK, Marian, technik; AUGUSTYNEK, Jan, technik; MIASTKOWSKI, Jerzy, inz.

Control system of the burning process. Gosp paliw 11 Special issue no.(95):34-36 Ja '62

1. Elektrownia Jaworzno II.



MIAVEC, M.
Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: not given

Source: Belgrade, Veterinarski glasnik, No 9, 1961, p. 778.

Data: "Hermaphroditism in Pigs."

YUGOSLAVIA

MIAVEC, M. [Affiliation not given].

"Forecasting Calf Sex on the Basis of the Crystallization Picture of the Oestrual Mucus of Cows."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 493-498.

Abstract: [Author's English summary modified] The crystallization pictures of dried oestrual mucus from cows showed certain common characteristics in those from cows which had borne male young and those from cows which had borne female young, but the differences and markings noted could not be exactly divided into two groups in that transitional forms were also found.

Photographs, no references.

1/1

MRAZEK, M.

7 8

Potentiometric investigations of catalysts. $Zn_2Fe(CN)_6$ + Cu^{++}, + Fe^{+++} as ions showing [illegible]. W. [illegible] and M. Mrazek (Politechnikum Warsaw). *Przemysl Chem.* [illegible].—The reduction-oxidation potential of $Zn_2Fe(CN)_6$, which is the magnitude which affects its activity in catalytic reductions, is greatly affected by the presence of Cu^{++} and Fe^{+++}. This could be established by measuring this potential in a potentiometric method with powder electrodes. The $Zn_2Fe(CN)_6$ was treated with solns. contg. about 0.001 g./l. Cu^{++}, or 0.001 g. Fe^{+++}, or both ions together, and the more Cu or Fe was adsorbed by the $Zn_2Fe(CN)_6$ the more the potential would drop (from about 600 to 400 mv.), and this curve of potential change showed no max. or min. The Fe^{+++} brings about a great drop of the potential in concns. which are much less than the ones at which Cu^{++} would produce the corresponding drop. Werner Jacobson

GUBANSKI, M.; MOYCHO, W.; MIAZEK, T.

Dynamics of tobacco mosaic virus infection spread on tomato plantations. Acta agrobot 12:275-280 '62.

MAJEWSKA, Magdalena; MIAZEK, Urszula; STASZEWSKA, Halina; TUSZKIEWICZ, Ewa; WASAK, Henryk

Analysis of the morbidity and clinical picture of leukemia in children in 1949-1961. Pol. tyg. lek. 19 no.47:1813-1815 23 N'64

1. Z II Kliniki Pediatrycznej Akademii Medycznej w Lublinie (kierownik: doc. dr. med. A. Gebala).

85577

P/046/60/005/006/003/005
A222/A026

21.8300

AUTHOR: Miazek-Kula, Marianna

TITLE: Decontamination of Surfaces Contaminated With Radioisotopes

PERIODICAL: Nukleonika, 1960, Vol. 5, No 6, pp 373 - 376

TEXT: The author describes a decontamination test in which different materials were subjected to contamination and then washed with different agents. Materials subjected to contamination were: glass, plexiglass, vinidur, colorless polyvinyl chloride foil, medical rubber gloves, linoleum, etc The isotopes used for contamination were: ^{35}S in Na_2SO_4 compound, ^{32}P in Na_2HPO_4 compound, ^{45}Ca in $CaCl_2$ compound, ^{60}Co in $CoCl_2$ compound, ^{90}Sr in $Sr(NO_3)_2$ compound, ^{134}Cs in Cs_2CO_3 compound , and a mixture of ^{45}Ca, ^{60}Co, ^{90}Sr, ^{134}Cs (Mixture "M"). The solution had an activity of 1 $\mu c/ml$. Droplets of radioactive solutions were deposited on material samples, were dried, and the contamination was measured After washing, residue contamination was measured and compared Decontamination methods were: submersion in still and in agitated solution, respectively, washing with a jet of liquid, and/or dry polishing with a blotting paper. Decontamination agents were: common water, distilled water, acids (perchloric, nitric,

Card 1/2

85577

P 046 60/005 006/003/005
A222/A026

Decontamination of Surfaces Contaminated With Radioisotopes

sulfuric) in the concentrations of 9 n, 2 n, 0 2 n, 0 02 n, 0.002 n and 0.0002 n, further citric and acetic acids, sodium hydroxide, sodium carbonate, sodium thiosulfate, washing agents "Saponina", "Alkilo" and organic solvents like acetone, trichloroethylene, carbon tetrachloride and methyl alcohol The author states that plexiglass and vinidur were most easy to decontaminate regardless of the degree of contamination; decontamination was as high as 99%. The nature of contamination is decisive in other materials, e g , ^{32}P is easily removed from rubber gloves (99% decontamination), whereas the maximum decontamination for ^{60}Co in rubber gloves was 73%. Inorganic acids showed to be by far the best decontamination agents, whereas concentration was of little importance Mechanical agitation of decontamination agents was found to be important There are 3 figures.

ASSOCIATION: Centralny Instytut Ochrony Pracy, Warszawa, Zakład Radiologii (Central Institute of Labor Protection, Warsaw, Department of Radiology)

Card 2/2

S/081/63/000/003/029/036
B144/B186

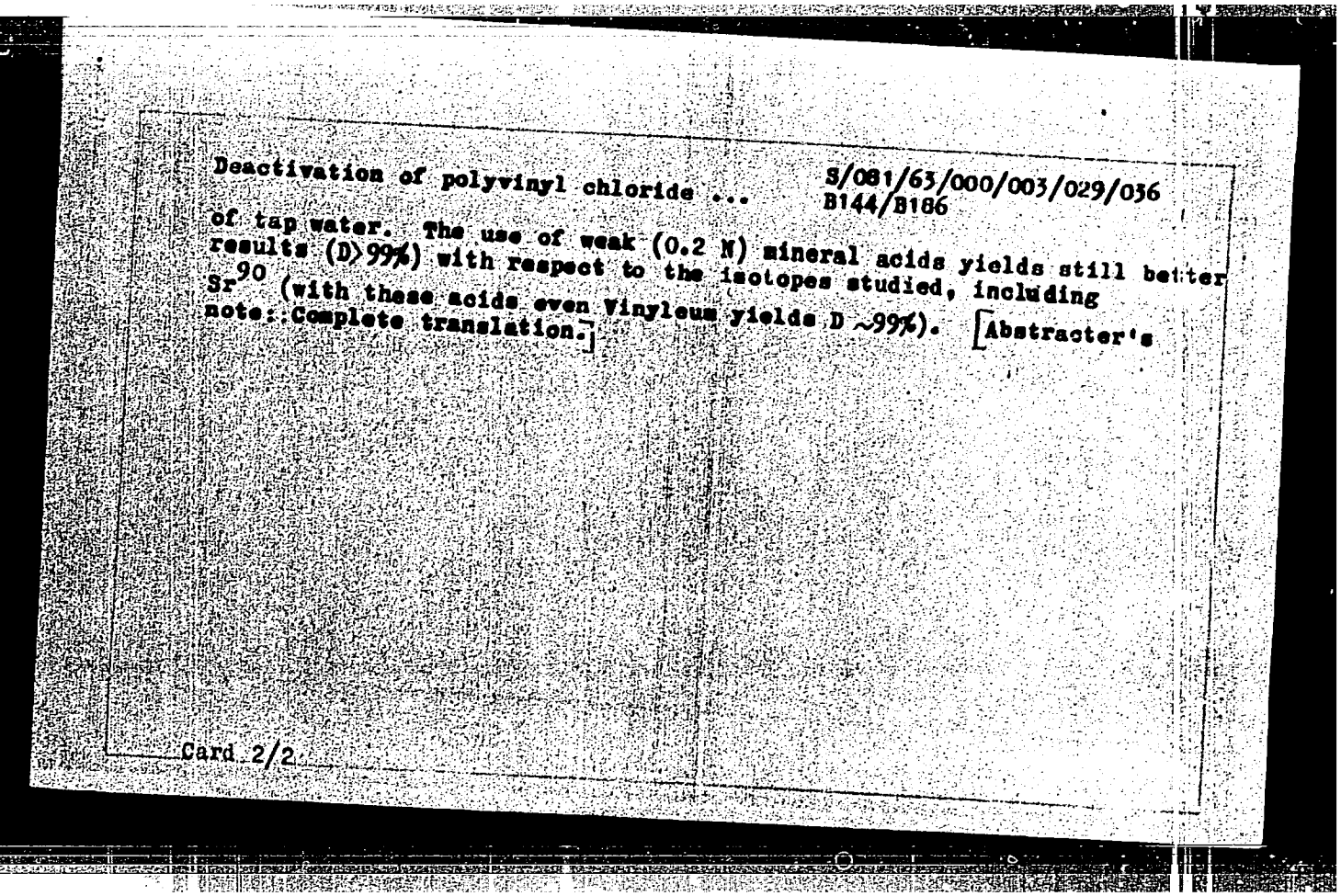
AUTHORS: Holsztyńska, Małgorzata, Miasek-Kula, Maria

TITLE: Deactivation of polyvinyl chloride materials contaminated by radioactive isotopes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1963, 590, abstract 3T48 (Prace Centr. inst. ochrony pracy, v. 11, no. 34, 1961, 103-111 [Pol.; summaries in Russ. and French])

TEXT: It has been established as a result of studying the deactivability of polyvinyl chloride materials contaminated with Co^{60} (in the form of $CoCl_2$), Sr^{90} (in the form of $Sr(NO_3)_2$) or Cs^{137} (in the form of $CsNO_3$) that for all PVC materials (those tested were: Vinidur (thickness 1.8 mm), clothing film (thickness 0.1 mm), haberdashery film (thickness 0.5 mm), Vinyleum (on a support of cotton fabric)) with the exception of Vinyleum a high degree of deactivation (D) is achieved from these isotopes (the least stable results were obtained with Sr^{90}) with the ai

Card 1/2



Deactivation of polyvinyl chloride ... S/081/63/000/003/029/036
B144/B186

of tap water. The use of weak (0.2 N) mineral acids yields still better results (D>99%) with respect to the isotopes studied, including Sr^{90} (with these acids even Vinyleum yields D ~99%). [Abstracter's note:: Complete translation.]

Card 2/2

MIAZGA, J.

Polish Technical Abst.
No. 1 1954
Mechanics, Electrotechnics, Power

2620

(2)

Rogoziński K., Miazga J. Studies Relating to the Influence of Front and Rear Wheel Axle Load Changes on the Pulling Capacities and Longitudinal Equilibrium of the Zetor 25-K Tractor. 631.372 : 629.114.2.015.4

„Badania wpływu zmiany obciążeń osi przedniej i tylnej na cechy uciągu i równowagę podłużną ciągnika Zetor 25-K". Mechanizacja i Elektryfikacja Rolnictwa. No. 1, 1953, pp. 40—42, 3 figs., 4 tabs.

In view of its being designed for inter-row cultivation, the Zetor 25-K tractor has the rear axle placed 110 mm higher than the Zetor 25 tractor. Description of field tests as regards skidding and raising of front wheels, carried out with skidcart at various loads. It was proved that the rear axle does not require additional ballast; the front axle, however, should be loaded with an additional 230 kg. It was also proved that the lower hitch (field) is correctly placed; the upper hitch (transportation) should, however, be lowered to a height of 430—433 mm from the base.

10/2/54

MIAZGA, J.

"A mechanical multirange regulator of revolutions in the KD-35 NATI tractor." p."
(MECHANIZATOR ROLNICTWA, Vol.2, No.2, Febr. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.

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"A KD-35 revolution regulator" p.12 (MECHANIZATOR ROLNICTWA, Vol. 2, no. 3, March 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress August, 1953, Uncl.

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"Theoretical foundations of the work of the Ursus C-45 engine" (p. 21) MECHANIZACJA I ELEKTRYFIKACJA ROLNICTWA (Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Vol 6, No 2, Apr/June 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

MIAZGA, J.

"Determining the tractive properties of the Soviet tractors DT-54, KDP-35, and CHTZ-7." p.116, (ROCZNIKI NAUK. SERIA C-MECHANIZACJI, Vol. 66, no. 1, 1955, Warsaw, Poland).

SO: Monthly List of East European Accessions, Library of Congress, Vol 2 no 10, Oct 1955, Uncl.

MIA.GA, J.

"Periodical inspection of the Ursus C-45 tractor," p. 117, (ROCZNIKI NAUK. SERIA C-MECHANIZACJI, Vol. 66, no. 1, 1953, Warsaw, Poland).

SO: Monthly List of East European Accessions, Library of Congress, Vol 2 no 10 Oct 1953, Uncl.

MIAZGA, J.

"Results of tests carried on with the Unimog tractor. Tr. from the Polish."

p. 133 (Zemedelske Stroje) Vol. 2, no. 6, June 1957
Prague, Czechoslovakia

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

BLAZCA, J.

New Polish universal agricultural tractor. Tr. from the Polish. p. 209.

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi a lesniho hospodarstvi, Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

MIAGA, Jerzy, mgr

General principles of measuring the noise caused by automotive vehicles. Techn motor 14 no.5:149-151 My '64.

1.Research Center of Automobile Transportation, Warsaw.

MLAWGA, M.

Problems of raw Materials in the synthetic chemical industry. p. 317.
CHEMIK (Stowarzyszenie Inzynierow i Techników Przemysłu Chemicznego)
Vol. 8, no. 11, Nov. 1955.

POLAND

SOURCE: East European Accessions List LC Vol. 5, no. 8, August 1956.

"Nitrogen industry in Poland; achievements [illegible] the present [illegible] the years 1950-1960."
Chemik, Katowice, Vol 7, [illegible], June 1954, p. 170

SO: Eastern European Accessions List, [illegible], No 10, Oct 1954, Lib. of Congress

MIAZGOWA, M. ; BERLINSKA, D.

The Six-Year Plan is fulfilled. p. 68. Vol. 8 no.3, Mar. 1955
Katowice

CHEMIK

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

[illegible], ?.

The mo[illegible]n [illegible] r [illegible].

p. 4 (Morze, Vol. 1[illegible], no. 3, Mar. 19[illegible]. Warszawa, Poland)

MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 2, FEB. 1958

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Fermentation Industry. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43913.

Author : Mica B., Chmelar V., Malcher J.
Inst : Not given.
Title : Utilization of Water Used in Washing Potatoes as a Nutritive Medium in Fermentation.

Orig Pub: Kvasny prumysl, 1958, 4, No 10, 232-235.

Abstract: The wash water effluent from the potato-starch factories contains nitrogenous and mineral substances that promote fermentation of molasses and cause a more complete conversion of starchy brews. This water may be successfully utilized in the combined manufacture of starch and alcohol. -- G. Oshmyan.

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MICA, Bohumil, inz., C.Sc.

The effect of variety and other factors on the content of pure albumin in potatoes. Rost vyroba 8 no.11/12:1401-1412 D '62.

1. Vyskumny ustav bramborarsky, Havlickuv Brod.

SIMEK, Jaroslav, promovany chemik; MICA, Bohumil, inz., C.Sc.

Sucking equipment for Kjeldahl tests. Vestnik CSAZV 9 no.3:166-167 '62.

1. Vyzkumny ustav bramborarsky, Ceskoslovenska akademie zemedelskych ved, Havlickuv Brod.

SIMEK, Jaroslav, promovany chemik; MICA, Bohumil, inz., C.Sc.

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MICA, Bohumil, inz. C.Sc.

Paper chromatography in agricultural research. Vestnik vyzk zemedel 9 no.8:406 '62.

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Effect of some substances in potatoes on their taste. Prum potravin 13 no.6:309-310 Je '62.

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MICA, Bohumil, inz., Sc.C.; ZELENKA, Stanislav, prof., inz., dr.

Factors influencing the determination of nonstarch content in potato tubers. Rostlin vyroba 9 no.2:135-142 F '63.

1. Vyzkumny ustav bramborarsky Ceskoslovenske akademie zemedelskych ved, Havlickuv Brod (for Mica). 2. Vysoka skola chemicko-technologicka, katedra technologie glycidu, Praha (for Zelenka).

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Relation between the quantity of chloride and sulfate ions in potato tubers and their taste. Prum potravin 14 no.2:104-105 F '63.

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MICA, Bohumil, inz., C.Sc.

Fast determining of pure albumin content in potato sap. Prum potr vin 14 no.4:216-217 Ap '63.

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MICA, Bohumil, inz. CSc.

Determining the content of phosphoric, potassium, and [illegible] in potato staren. Prum potrav 15 no.10:[illegible].

1. Institute of Potato Research, Havlickuv Brod.

MICA, Bohumil, inz. CSc.

Effect of various amounts of nitrogen [illegible] content in potatoes. Rost vyroba [illegible]

Phosphorus and its distribution [illegible] potatoes. Ibid.:277-286

1. Institute of Potato Research, Havlickuv Brod. Submitted May 13, 1964.

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Batching spoon for loose materials. Vest ust zemedel 12 no.4: 186-187 '65.

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MICAL, Stanislaw, inz (Rzeszow)

The Rzeszow Household Equipment Factory. Przegl mech 20 no.19/20:608-610 '61.

MICALEVICH, B.

Some new elements referring to the determination of glacial phases in the Bucegi, Massif. o. 219

PROBLEMIE GEOGRAFIE. (Academia Republicii Populare Romine. Institul de Cercetare Geografoce)
Bucuresti, Rumania. Vol. 6, 1959

Monthly list of East European Accessions (EEAI) LC., Vol. 9, no. 2, August, 1959

Uncl.

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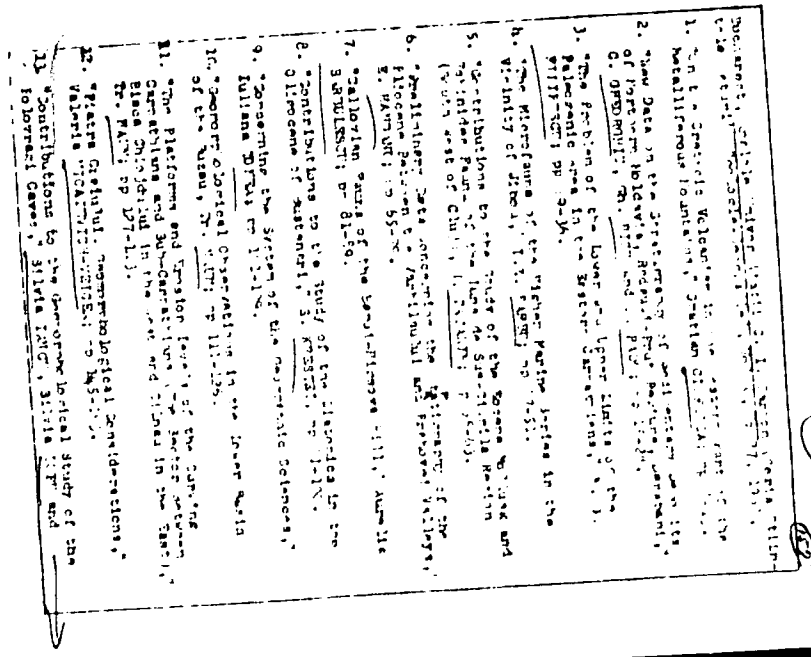
Observations on the structural morphology of the Bucegi Massif.
Probleme geog 7:225-232 '60. (EEAI 10:3)
(Carpathian Mountains)
(Rumania--Geomorphology)

MICALEVICH-VELCEA, Valeria

Some preliminary geomorphological observations on the Birsa Mountain.
Probleme geog 8:465-470 '61.

MICHLEVICH-LEICER, VALERIA



MICAN, J.

Activities of the Red Star Motor Club. p. 202.

SVET MOTORU. (Svaz pro spolupraci s armadou)
Praha, Czechoslovakia
Vol. 13, no. 7, Mar. 1959

Monthly list of East European Acessions (EEAI), LC, Vol. 8, no. 7
July 1959
Uncl.

GDR/Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5129.

Author : Mackrle, Svatopluk; Tesarik, Igor; Mackrle, Vladimir; Mican, Vladimir.

Inst :

Title : Results of Experiments Carried out at Experimental Pilot-Plant Clarifier with Suspended Layer.

Orig Pub: Wasserwirtsch.-Wassertechn., 1957, 7,No 11, 428-431.

Abstract: The study of the process of water clarification was made at an experimental clarifier consisting of following items: a reaction chamber situated in the upper central part of the clarifier and containing a flocculation chamber in it; a mechanical stirrer with controllable rotation number; pumps feeding slime from the slime settler into the flocculation chamber and into the zone of the

Card : 1/4

GDR/Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5129.

H-5

suspended precipitate layer (SPL); an arrangement for water supply and discharge. The maximum cross-section of the clarifier is 0.671 sq.m. The dosing of coagulators was carried out with a diaphragm pump. It was established that at velocities from 1.2 to 2 mm per sec, the height of the SPL was constant, the slime concentration being about 300 mg per liter, and only separate flocs being found above the slime layer. When the velocity was reduced to 0.7 mm per sec or less, the slime particles sank accumulating in the lower part of the apparatus, and the result of clarification deteriorated. When the velocity of water was increased above 2.5 mm per sec, the flocs broke and were carried out into the zone of clarified water. In order to produce the SPL when the

Card : 2/4

GDR/Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage. H-5

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5129.

clarifier was put into comission, the slime was fed from the slime settler into the SPL zone through a pipe radially connected to the apparatus. On this occasion, the stream of slime reached the wall of the cylindrical inside part of the apparatus, was split and produced finely dispersed slime particles. The SPL was produced in less than 15 min. The described method of preparing the SPL can be recommended for industrial clarifiers. Experiments carried out with a disengaged stirrer and with a reduced duration of the presence of water in the reaction and flocculation chambers showed that the flocculation processes taking place before water entered the SPL zone practically did not influence the work of the clarifier. It is recommended to discontinue the use of mechanical stirring in clarifiers

Card : 3/4

GDR/Chemical Technology. Chemical Products and Their Application. H-3
Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5129.

and to decrease the volumes of the reaction and flocculation chambers. - L. Subbotina.

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MICANEK, Boris

Use of radioisotopes in dermatology. Cesk. derm. 37 no.1:13-17 F '62.

1. Dermato-venerologicka klinika lekarske fakulty University J. Ev. Purkyne v Brne, prednosta prof. dr. Jaroslav Horacek.

(RADIOISOTOPES) (DERMATOLOGY)

MICANEK, M., inz.

Some problems of the investment operations by the Ministry of Building. Stavivo 41 no.2:42-45 F '63.

1. SPK, Praha.

MICANEK, M., inz.

The Michalovce ceramic combine. Stavivo 42 no.2:46-50 F'64

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CZECH

[11784] Use of Basalt Jets for Pneumatic Drum Fettling Machines. Použití čedičových trysek v bubnovacích tryskacích. (Czech.) Otakar Mičanik. Slévárenství, v. 3, no. 5, May 1955, p. 133-135.

Jets stand twenty times more than cast iron jets during uninterruped operation; output of machines has increased because formerly it was necessary to exchange cast iron jets every three hours. Diagrams, table, 5 ref.

MICANIK, O.; FOLDINA, J.

Basic principles of material handling and transportation. 2. pt.
(TECHNICKA PRACA, Vol. 9, No. 7, July 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European accessions (EEAL) LC, Vol. , No. 1, Dec 1957, Uncl.

BUKUROV, Stanislav; MICANOVIC, Vladimir

Dermoid cyst of the diaphragm. Srpski arh. celok. lek. 90 no.4:447-451 Ap '62.

1. I hirurska klinika Medicinskog fakulteta Universiteta u Beogradu Upravnik: prof. dr. Bogdan Kosanovic.
(TERATOID TUMOR) (DIAPHRAGM)

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KOSANOVIC, B., prof. dr.; STEFANOVIC, P., dr.; MICANOVIC, V., dr.

Primary cancer of the gallbladder. Med. arh. 18 no.2:27-29 Mr-Je '64.

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GENCIC, M.; STEFANOVIC, B.; MIJANOVIC, V.

Apropos of 3 cases of omental torsion. Acta chir. Iugosl., 12 (1) 1965. 42-47

1. I Hirurska klinika Medicinskog fakulteta u Beogradu (Upravnik prof. dr. Lj. Jasovic).

YUGOSLAVIA

BUKURCV, Stanislav, GLIBAIC, Vuvasin, MICANOVIĆ, Vladimir; I Clinic for Surgery of the Medical Faculty, Belgrade University

"Our Experiences and Results in Geriatric Surgery"

Belgrade, Srpski Arkhiv za Tselokupno Lekarstvo, Vol 94, No 6, 1966, pp 523-534

Abstract: The comprehensive statistical material shows that for 377 surgical patients 65 years and older, the mortality rate was 5%. The improvements achieved in this field during the last two or three decades are due primarily to the better understanding of the physiology of older people and to better preliminary and post-operative care. In the future one should pay greatest attention to hypoproteinemia and to the high sensitivity of older persons to disruptions in the hydro-ionic equilibrium. Consideration of this kind should play an important role prior to deciding on operations connected with chronic diseases. There are 7 Western and 1 Soviet-block references. (Manuscript received, 18 Feb 66.)

MICAS, I.

Geo orphological characteri tics of the Vilna Basin.

P. 74 (Lietuvos TSR Mokslu akademija. Geologijos ir geografijos institutuas. MOKSLINIAI PRANESIMAI. Vol. 1, 1955, Vilnius, Lithuania)

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

3(5) PHASE I BOOK EXPLOITATION SOV/2485

Lietuvos TSR mokslu akademija. Geologijos ir geografijos institutas

Geografinis metraštis, I (The Geographical Yearbook I) Vilnius, 1958. 401 p. Errata slip inserted. 1,000 copies printed.

Sponsoring Agency: Lietuvos TSR geografine draugija.

Editorial Board: A. Basalykas, K. Bieliukas, Editor-in-Chief (President), V. Chomskis (Vice President), V. Gudelis (Vice President), K. Kaušyla, Managing Ed. (Secretary), B. Markelyte, and S. Tarvydas.

PURPOSE: This book is intended for geographers and for the general reader interested in the geography of Lithuania.

COVERAGE: The first volume of the Geographical Yearbook presents articles by 22 authors covering aspects of the climatology, geomorphology, geology of the Quaternary, limnology, economic geography, etc. of Lithuania. The publication also includes a section devoted to book reviews and a chronicle of scientific events. Articles appear in Lithuanian with English and Russian resumes. References accompany each article.

AVAILABLE: Library of Congress (G1.G3135)

VICAS, L.

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GEOGRAPHY & GEOLOGY

MOKSLINIAI PRANESIMAI.

MICAS, L. Main phases in the evolution of the Vilnia river valley. p. 91.

Vol. 6, 1958.

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March 1959, Unclass.

MICAS, L.

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MOSKLINAI PRAIME I AI.

MICAS, L. Abundance of erratic boulders of soil in various morphogenetic relief types of Eastern Lithuania. p. 97.

Vol. 8, 1958.

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

MICAS, L.

Some facts about the orientation of the long axes of gravel boulders in benches of the Neman River. Liet ak darbai B no.3:133-140 '60.
(EEAI 10:3)

1. Lietuvos TSR Mokslu akademijos Geologijos ir geografijos institutas.
(Neman River) (Lithuania--Boulders)

MICAS, L.

Terraces of the Merkys Valley/ in Lithuanian with summary in Russian. Trudy AN Lit. SSSR. Ser. B no. 1:103-116 '63.
(MIRA 17:5)

1. Institut geologii i geografii AN Litovskoy SSR.