On Certain Transformation Groups

Ionescu-Bujor, Constantin. Sur certains groupes de transformations. Bul. Inst. Politehn. Bucureşti 19 (1957), no. 3/4, 15-26. (Romanian. Russian and French summaries)

The group is formed by the homologies $\omega_p(O, \lambda)$ in projective space E_p expressed by the equations

$$\rho \frac{y_i}{\alpha_i} = \frac{x_1}{\alpha_1} + \cdots + \frac{x_{i-1}}{\alpha_{i-1}} + \lambda \frac{x_i}{\alpha_i} + \frac{x_{i+1}}{\alpha_{i+1}} + \cdots + \frac{x_{p+1}}{\alpha_{p+1}}$$

$$(i = 1, 2, \cdots, p+1),$$

with double point $O(\alpha_1, \alpha_2, \cdots, \alpha_{p+1})$ and with

$$\frac{x_1}{\alpha_1} + \frac{x_2}{\alpha_2} + \cdots + \frac{x_{p+1}}{\alpha_{p+1}} = 0$$

as plane of double points. The set $[\omega_p]$ of these ω_p contains the identity $\omega_p(O, \infty)$, the inverse $\omega_p^{-1}(O, \lambda) = \omega_p(O, 1-p-\lambda)$ and a multiplication

$$\omega_p(O, \lambda_2)\omega_p(O, \lambda_1) = \omega_p(O, (\lambda_1\lambda_2+p)/(\lambda_1+\lambda_2+p-1)),$$

and thus forms a commutative group, which also, for $\lambda = \frac{1}{2}(1-p)$, contains an involution of order 1. This group is further investigated.   D. J. Struik (Cambridge, Mass.)

Invariants of a Group of Transformations

Ionescu-Bujor, Constantin. Au sujet des invariants d'un groupe de transformations. Bul. Inst. Politehn. București 19 (1957), no. 3/4, 27–30. (Romanian, Russian and French summaries)

Under the group $\omega_p(0, \lambda)$, defined in the previous article [#6061], the ratios of the determinants of the matrix

$$\begin{pmatrix} x_1 x_2 \cdots x_{p+1} \\ \alpha_1 \alpha_2 \cdots \alpha_{p+1} \end{pmatrix}$$

are invariants. This result is interpreted geometrically in terms of cross ratios.   D. J. Struik (Cambridge, Mass.)

1-F\W

IONESCU-BUJOR, Constantin, prof. univ. emerit.

On the occasion of the fifteenth anniversary of "Gazeta
Matematica series B." Gaz mat B 16 no.3:97-100 Mr '65.

L 33338-66   T/EWP(t)/ETI   IJP(c)   JD   SOURCE CODE: RU/0017/65/000/005/0249/0251

ACC NR: AP6024582

AUTHOR: Cruceanu, E.--Kruchanu, Ye. (Engineer; Candidate of technical sciences);
Ionoscu-Bujor, S.--Ionesku-Buzhor, S. (Physicist); Nistor, N. (Physicist)

ORG: Institute of Physics, RPR Academy (Institutul de fisica al Academiei RPR)

TITLE: Dendritic growth of germanium monocrystals

SOURCE: Metalurgia, no. 5, 1965, 249-251

TOPIC TAGS: single crystal growth, germanium single crystal

ABSTRACT: A report on a study to determine the optimum conditions for drawing ger-
manium dendrites of specified shapes and sizes. The influence of various factors on
the shape, size and crystalline structure of the dendrites is also discussed. Orig.
art. has: 5 figures. /Based on authors' Eng. abst./ /JPRS/

SUB CODE: 20 / SUBM DATE: none / SOV REF: 004 / OTH REF: 011

UDC: 669.783.017:620.184.4

Card 1/1 UCR

CRUCEANU, E.; IONESCU-BUJOR,S.

Relations among the microhardness, width of the forbidden band, and the interatomic distance in compounds of the $A^{II} B^{VI}$ type. Studii cerc metalurgie 8 no.4:391-395 '63.

KRUCHEANU, Ye. [Cruceanu, E.]; NIKULESKU, D. [Niculescu, D.]; NISTOR, N. [Nistor, I.]; STAMATSKU, I. [Stanatescu, I.]; IONESKU-BUZHOR, S. [Ionescu-Bujor, S.]

Some properties of HgTe single crystals grown from solutions.
Fiz. tver. tela 7 no.6:1808-1812 Je '65.   (MIRA 18:6)

1. Fizicheskiy institut Akademii nauk Rumynskoy Narodnoy
Respubliki, Bukharest.

CAZIMIR, VIORICA

Ionescu-Cazimir, Viorica. On the equations of thermoelastic equilibrium. I. The analogue of Galerkin's vector. Acad. Repub. Pop. Romîne Bul. Ști. Secț. Mat. Fiz. Chim. 2, 589-595 (1950). (Romanian. Russian and French summaries)

The author claims to obtain a general solution of Galerkin type for bodies subject to infinitesimal thermoelastic stress. The reviewer notes that the author's equations (1) are suitable only for equilibrium, while equations (4) and the remainder of the analysis refers to motion. *I. N. Sneddon*

Source: Mathematical Reviews,   Vol   13 No. 6

Ionescu-Cazimir, V.

Ionescu-Cazimir, V. La définition des variétés carac-
téristiques pour certains systèmes d'équations à dérivées
partielles. Com. Acad. R. P. Române 1 (1951), 323-
325. (Romanian. Russian and French summaries)

The systems of partial differential equations

(*) $$\frac{\partial Q_i}{\partial x_\mu} = \sum_j a_{\mu i j} \frac{\partial Q_j}{\partial x_0}$$

and

(**) $$\frac{\partial Q_i}{\partial x_\mu} = \sum_j a_{\mu i j} \frac{\partial Q_j}{\partial x_{n+1}} + \sum_j b_{\mu i j} \frac{\partial Q_j}{\partial x_{n+2}},$$

where the $a_{\mu i j}$ are constants, are dealt with from the point
of view of characteristics; thus the characteristic curves
of the system (*) are shown to be integrals of a Monge
equation, while the characteristic surfaces for the more
general system (**) are the integrals of an algebraic
equation involving the exterior products of the differ-
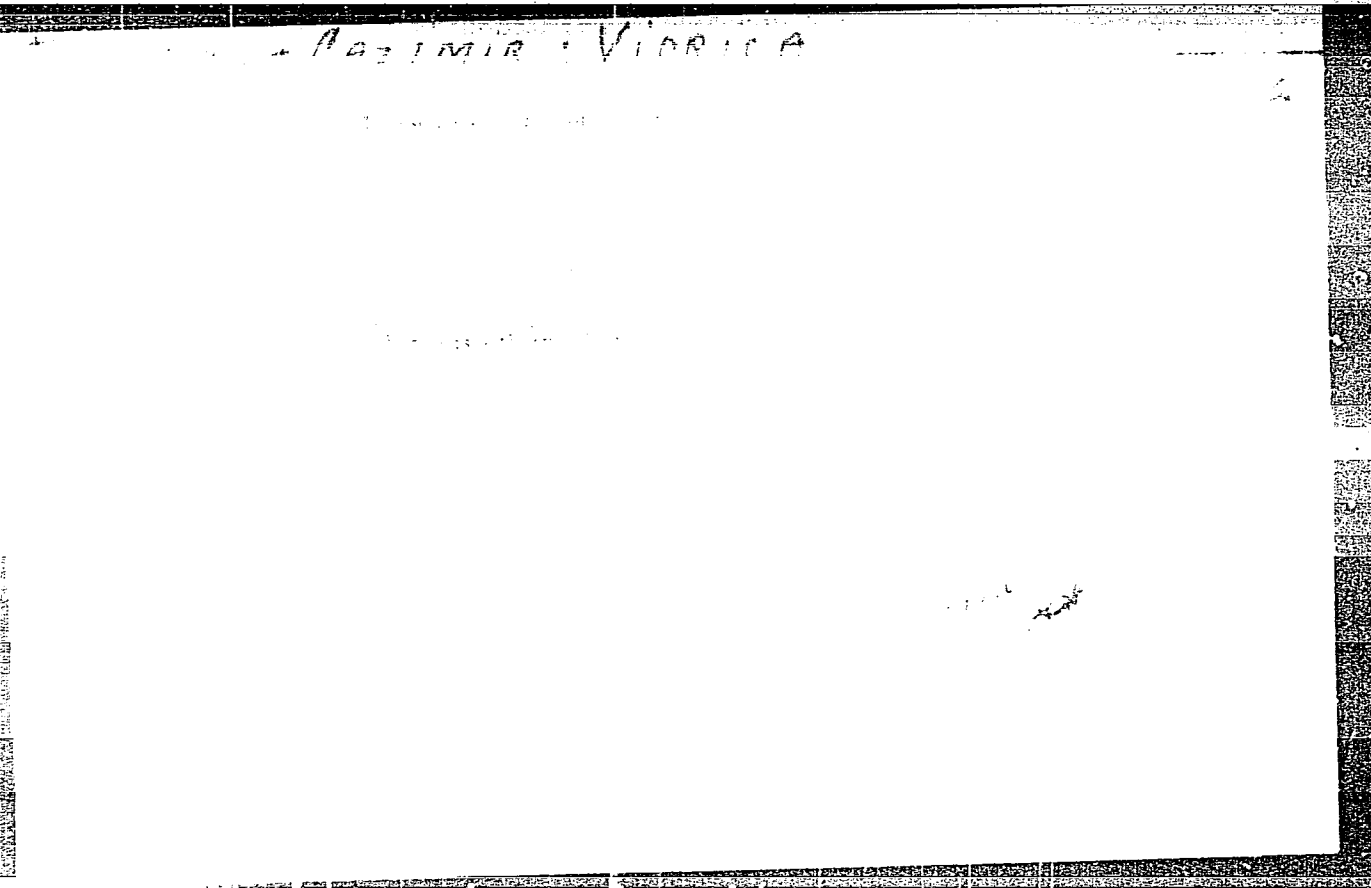entials involved. E. F. Beckenbach (Los Angeles, Calif.).

1 - F/8

Ionescu-Cazimir, Viorica. Sur les caractéristiques de certains systèmes d'équations aux dérivées partielles.

1 - P/T

Kasimir Vikkrica

IONESCU-CAZIMIR, V.

Problem of linear coupled thermoelasticity. Pts.1-2. Bul
Ac Pol Tech 12 no.9:659-674 '64.

1. Institute of Mathemrtics of the Rumanian Academy of Sciences,
Bucharest. Submitted July 20, 1964.

IONESCU-CAZIMIR, V.

Problem of linear coupled thermoelasticity. Pts.3-4. Bul Ac
Pol tech 12 no.12:837-851 '64.

1. Institute of Mathematics, Rumanian Academy of Sciences,
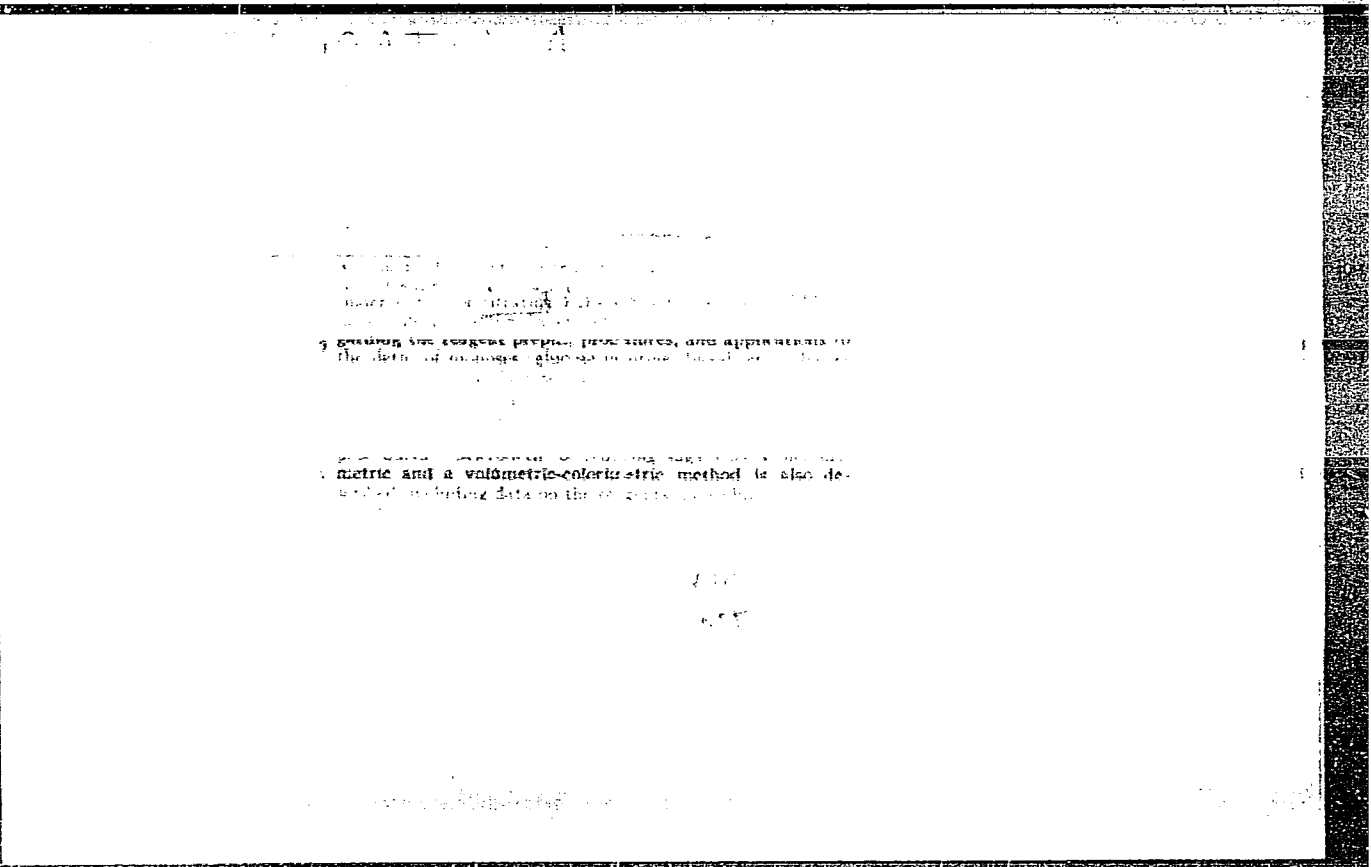Bucharest. Submitted July 20, 1964.

IONESCU-DUNAREANU, I.

Geographical distribution of Pinus cembra in the Fagaras Mountains.
Probleme geog 8:511-518 '61.

IONESCU-Gheorghita, C.

‥lements for the characterization and classification of brown coal in general and
Rumania lignites especially and for the establishment of the nomenclature.

P. 65 (Academia Republicii Populare Romine. Institutul de Energetica. Studii Si
Cenetari de Energetica) Vol. 7, no. 1, 1957, Bucuresti, Rumania)

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

giving the reagent preparation procedures, and apparatus for the determination of manganese glycerate in areas

metric and a volumetric-colorimetric method is also described including data on the

Schreber - MATIUA.

1/3841. Volume-colorimetry and its application.

IONESCU-MATIU, Al.
SURNAME, Given Names

Country: Rumania

Academic Degrees: -Prof.-

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 7, Jul 1961, pp 431-434.

Data: "25 Years Since the Death of Professor Stefan Minovici."

GPO 981643

Country   : Rumania   M
Category   : CULTIVATED PLANTS.MEDICINAL. Essential Oils. Toxins.
Abs. Jour.   : REF ZHUR-BIOL.,21,1958,NO-96184

Author   : Harman; Gheorghiu; Ionascu-Matiu; Baloescu; Avram
Institut.   : Communist Academy RPR
Title   : Pharmacognostic Study of Erysimum transsilvanicum,
               Schur.

Orig. Pub.   : Comun. Acad. RPR, 1957, 7, No. 3, 355-367

Abstract   : One presents the synonyms of Erysimum transsilvani-
               cum (I), morphological description of the charac-
               teristics of the organs, data on microscopic exam-
               ination of the fluff gotten from flowers, leaves
               and stems, and 11 drawings of the plant, its parts,
               with cross sections of stem and leaves, flower,
               leaf and stem down. Experimentation in the biologi-
               cal action of I on an isolated frog heart in a
               perfusion of Ringer's solution was made. A 5% in-
               fusion from the stems, leaves or flowers, as well

Card: 1/2

Country   :   M
Category   : CULTIVATED PLANTS.MEDICINAL

IONESCU-MIHAIESTI, C.   DECEASED   1963/3

POLIOMYELITIS.   (c1962)

COTIGARU, Buium, ing.; IONESCU-MUSCEL, Ana, ing.; IONESCU-MUSCEL, Cornel, ing.

Some methods and electric and electronic devices for the analysis of rubber products. Industria usoara 11 no.2:76-78 F '64.

COTIGARU, Buium, ing.; IONESCU-MUSCEL, Ana, ing.; IONESCU-MUSCEL,
        Cornel, ing.; PETRESCU, Viorel

    Electronic methods and devices for qualitative analysis of
    leathers. Industria usoara 11 no. 4:169-172 Ap '64.

COTIGARU, Buium, ing.; IONESCU-MUSCEL, Ana, ing.; IONESCU-MUSCEL, Cornel, ing.

Some methods and electric and electronic devices for the analysis of rubber products. Industria usoara 11 no.2:76-78 F '64.

COTIGARU, Buium, ing.; IONESCU-MUSCEL, Ana, ing.; IONESCU-MUSCEL, Cornel, ing.; PETRESCU, Viorel

Electronic methods and devices for qualitative analysis of leathers. Industria usoara 11 no. 4:169-172 Ap '64.

IONESCU-MUSCEL, I.

"The scalding of silk coooons", p. 1, (TEXTILE, Vol. 2, no. 7, July 1951, Bucuresti)

SO: Monthly List of East European Accession, Vol. 2, no. 8, Library of Congress,
     August 1953, Uncl.

IONESCU-MUSCEL, I., AND OTHERS

"'Fibermeter,' A New Apparatus to Measure the Length of Cotton", P. 324,
(INDUSTRIA TEXTILA, Vol. 5, No. 9, September 1954, Bucharest, Rumania)

SO: Monthly List of East European Accessions (EEAI), LC, Vol. 4, No. 3,
March 1955, Uncl.

IONESCU-MUSCEL, I., and others.

    Mechanized fibrometer. p. 273. Industria Textila. Bucuresti. Vol. 6, No. 8, Aug. 1955.

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

ICNESCU-MUSCEL, I.

Elemente de merceologie. Bucuresti, Editura Stiintifica. (Elements of merceology.
illus., bibl.)   Vol. 1, 1956.   NN   Not in DLC   Rumania

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

IONESCU-MUSCEL, I.

A new method to determine the ripness of cotton with the help of polarized light. p. 101.
INDUSTRIA TEXTILA, Vol. 7, No. 3, Mar. 1956, Rumania.

SO: East European Lists, Vol. 5, No. 10, L. of C., Oct. 1956.

RUMANIA/Chemical Technology - Chemical Products and Their   H-34
             Application. Dyeing and Chemical Treatment of
             Textiles.

Abs Jour   : Ref Zhur - Khimiya, No 8, 1958, 27408

Author   : Ionescu-Muscel I., Vlad I., Vlad Emilia
Inst   : -
Title   : Determination of Mercerization Capacity of Cotton
              Depending on Its Degree of Maturation.

Orig Pub   : Metrol. apl., 1957, No 3, 19-20

Abstract   : To express the capacity of cotton to undergo mercerizing
              the author propose the coefficient of mercerization M
              which is defined by the correlation $M = m_1 + 2m_2 + 5m_3$,
              where in m_1, m_2 and m_3, respectively, are the percentages
              of fibers in which $2c/(p_1 + p_2)$ is greater than 3, 4,
              and 6 (c -- width of fiber lumen, p_1 -- thickness of
              wall, p_2-- thickness of wall on opposite side of lumen).
              Cotton is suitable for mercerizing only if M is not in
                                                     excess of 50.

Card 1/1

                              - 104 -

Domestic apparatus for determination of the length of cotton fibers. I.

(To be contd.) p. 262.

(INDUSTRIA TEXTILA. Vol. 8, No. 6, June 1957, Bucuresti, Rumania)

IONESCU-MUSCEL, I., and others.

Domestic apparatus for determination of the length of cotton fibers. II

p. 305 (Industria Textila) Vol. 8, No. 7, July 1957, Bucuresti, Rumania

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

IONESKU-MUSCHEL, I., [Ionescu-Muscel, I], professor; VLAD, I., inzhener;
VLAD, E., inzhener; KHANGANU, V. [Changanu, V.], inzhener;
GRINDYA, M. [Grindea, M.], inzhener; KOMAN, B. [Coman, B.],
inzhener; REDULESKU, S. [Redulescu, S.], inzhener.

Manual fiber measuring device. Tekst. prom. 17 no.5:70-72 My '57.
(MIRA 10:6)

1. Iz Yasskogo politekhnicheskogo instituta Rumynskoy
narodnoy respubliki.

(Rumania--Textile machinery)

IONESCU-MUSCEL, I., prof.

The Tex, new progress in textile metrology. Metrologia apl 6
no.2:55-57 Ap-Je '59.

SURNAME, Given Names

JONESCU - MUSCEL, I.

Country: Rumenia

Academic Degrees: [not given]

Affiliation: -not given-

Source: Bucharest, Revista de Chimi, Vol 12, No 9, Sep 1961, pp 538-543.

Data: "Pipes and Containers of Polyvinyl Chloride in Drinking Water Networks."

Authors:

CONSTANTINESCU, A.
IONESCU-MUSCEL, I.
CORNILESCU, D.
COTIGARU, B.
KEIMER, I.
IONESCU-MUSCEL, M.
RADULESCU, P.
MIRCEA, C.

GPO 981643

COUNTRY	:	RUMANIA	II
		Chemical Technology. Chemical Products and Their Uses. Part 4. Dyeing and Chemical*	
ABS. JOUR.	:	RZKhim., No. 1 1960, No. 3374	
AUTHOR	:	Ionescu-Muscel, J.; Stanciu-Stoian, E.	
INST.	:	-	
TITLE	:	Certain Measures Connected with Organization of Research Laboratories in the Textile Industry for Work with Radioactive Isotopes	
ORIG. PUB.	:	Ind. text. (RPR), 1959, 10, No 1, 9-15	
ABSTRACT	:	When planning and organizing laboratories for work with radioactive isotopes, it is necessary to take into account the following: disposition of working rooms, arrangement of exhaust hoods, working tables and ventilation, as well as safety techniques. Bibl. 6 titles. — G. Markus	

*Treatment of Textiles

CARD: 1/1

H-175

IONESCU-MUSCEL, I., prof. ing.; KEIMER, I., ing.; COTIGARU, B., ing.;
    RUSANOVSCHI, Maria, ing.; GHENCEA, M., ing.; COSTENCIUC, N., ing.;
    GHERSIN, B., ing.; MATEI, Ana, ing.; IONESCU-MUSCEL, C., ing.;
    NACU, M., ing.

Contributions to the problem of wool washing under optimum
temperature and pH conditions. Ind text Rum 13 no.5:197-203
My '62.

1. Institutul de stiinte economice V.I. Lenin (for Ionescu-
Muscel, I., Kelmer, Cotigaru). 2. Laboratorul central Ministerul
Industriei Usoare (for Rusanovschi, Ghencea). 2. Fabrica Textila
Grivita (for Costenciuc, Ghersin). 4. Ministerul Industriei
Petrolului si Chimiei (for Matei). 5. Institutul de Oncologie
(for Ionescu-Muscel, C.). 6. Fabrica Electrotehnica (for Nacu).

IONESCU-MUSCEL, I., prof.; ARMEANU, V., prof.; COTIGARU, B., lector;
        IONESCU-MUSCEL, M., ing.

    Chemical thermoindicators in the textile industry. Ind text Rum
    13 no.6:229-231 Je '62.

RUSU, D., (Iasi); IONESCU-MUSCEL, I.; DAVIDESCU, N. (Iasi); GHERSIN, B.

Improving wool quality, an important actual task. Probleme econ 15
no.2:76-82 F '62.

1. Membru al Coleguilui de redactie, "Probleme economice" (for
Rusu)

IONESCU-MUSCEL, I., prof. ing.; REBEDEA,C., ing.; COTIGARU,B., ing.;
HUICEA, Maria, ing.; STOIAN, Elena, ing.; NISTOR,N.; BAIETONIU,P.

Mixed cotton and flax duck for protection clothing. Ind text
Rum 12 no.8:313-318 Ag'61.

CONSTANTINESCU,A.; IONESCU-MUSCEL,I.; CORNILESCU,D.; COTIGARU,B.;
KELMER,I.; IONESCU-MUSCEL,M.; RADULESCU,P.; MIRCEA,C.

Conduits and receivers made of polyvinyl chloride in drinking
water networks. Rev. chimie Min petr 12 no.9:538-543   S'61

IONESCU-MUSCEL,I., prof. ing.; KELMER,I., lector ing.; COTIGARU, B.,
    lector ing.; RUSANOVSCHI, Maria, ing.; GHERSIN,R., ing.
    CONSTENCIUC,N.

Regarding the pH of the wool washing liquid. Ind text Rum
14 no.11:532-533   N'63.

IONESCU, Muscel, I., prof.; COTIGARU, B., lector; KEIMER, I., lector;
REBEDEA, C., lector; MOLDOVAN, I., ing.; BORSATTI, M.;
IONESCU, Muscel-Ianculescu, M., ing.; GREAVU, V., ing.

Importance of the economist expert in the science of
commodities in the improvement and quality control of
products. Industria usoara 10 no.8:356-360 Ag '63.

CONSTANTINESCU, Anton, prof.ing.; IONESCU-MUSCEL, Iosif, prof.ing.;
CORNILESCU, Dan,ing; COTIGARU, Buium, lector ing.; KELMER, I.,
lector ing.; IONESCU-MUSCEL, Mircea, ing.; CUCU, Virgil, ing.

Stabilizers of polyviyl chloride, made in Rumatia. Industria
usoara 8 no.12:460-463 D '61.

CONSTANTINESCU, Anton, prof.ing.; IONESCU-MUSCEL, Iosif, prof.ing.;
      CORNILESCU, Dan,ing; COTIGARU, Buium, lector ing.; KELMER, I.,
      lector ing.; IONESCU-MUSCEL, Mircea, ing.; CUCU, Virgil, ing.

      Stabilizers of polyviyl chloride, made in Rumania. Industria
      usoara 8 no.12:460-463 D '61.

COTIGARU, Buium, ing.; IONESCU-MUSCEL, Mircea, ing.; FETEANU, Gheorghe

Packaging functions. Industria usoara 9 no.11:479-483 N '62.

IONESCU, Muscel, I., prof.; COTIGARU, B., lector; KEIMER, I., lector;
    REBEDEA, C., lector; MOLDOVAN, I., ing.; BORSATTI, M.;
    IONESCU, Muscel-Ianculescu, M., ing.; GREAVU, V., ing.

Importance of the economist expert in the science of
commodities in the improvement and quality control of
products. Industria usoara 10 no.8:356-360 Ag '63.

CONSTANTINESCU,A.; IONESCU-MUSCEL,I.; CORNILESCU,D.; COTIGARU,B.;
    KELMER,I.; IONESCU-MUSCEL,M.; RADULESCU,P.; MIRCEA,C.

    Conduits and receivers made of polyvinyl chloride in drinking
    water networks. Rev. chimie Min petr 12 no.9:538-543   S'61

COTIGARU, Buium, ing.; CORNILESCU, Dan, ing.; IONESCU-MUSCEL, Mircea, ing.

Rational utilization of Turda E Rovinil plastisols.
Industria Usoara 8 no.3:110-113 Mr. '61.

IONESCU-PALLAS, N.

Nonadditive composition of volumes in a nonreactive mixutre.

p. 285 (Academia Republicii Populare Romine. Institutul de Fizica. Studii Si Cercetari
De Fizica. Vol. 7, no. 2, Apr./June 1956. Bucuresti, Rumania)

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

RUMANIA/Physical Chemistry. Liquids. Amorphous Substances.
Gases.

B

Abs Jour: Ref Zhur-Khim., No 15, 1958, 49474.

Author : Ionescu-Pallas N. J.
* Inst   : _____
Title   : Asymptotic Properties of Real Gases and Their
Equation of State.

Orig Pub: Studii si cercertari fiz., 1956, 7, No 3, 463-478.

Abstract: Equations of state of the form $P = P(T,V)$ (1)
and $V = V(T,P)$ (2) are derived on the basis of
the following assumptions: in case (1) there is
known the energy E as a function of temperature
and volume V or, at least, the derivative $\partial E/
\partial V$; in the case (2) there is known the entalpy
H as a function of temperature T and pressure P or,

Card   : 1/3   * Academia Republicii Populare Romine. Institutul de Fizica.

---

respectively, $\partial H/\partial p$; in both instances there
are known the limits: $\lim T \to \infty$ $(P/T)_V$, $\lim p \to 0$
$(PV)_T$ and $\lim p \to 0$ $(E)_T$, the existence of
which follows from physical considerations. There
are derived double asymptotic expansions: $P =
b_{00}T/(V-b_{11}) + \sum_{i,j} a_{ij} T^{1-\nu}/V^{1+j}$ and
$V = b_{00}T/P + b_{11} + d + \sum_{\lambda} j = 1$ $T/$ P_λ
(p), wherein all the coefficients of the variables
are constant, P_λ (p) -- a polynomial of λ
order with respect to p. From the existence of
the above-formulated limits there follows the
existence of the limits $\lim_{(P,T)\to\infty}$
$(C_p - C_V)$ and $\lim_{(V,T)\to\infty}$ $(C_p - C_V)$,
which are taken as the boundary conditions in the

Card   : 2/3

Card   : 3/3

IONESCU-PALLAS , Nicolas

Hyperfine structure of the line Hg I, $\lambda = 5461$ A. Ion I. Arirbiceanu, Nicolas Ionescu-Pallas, and Vasile Draganescu (Inst. Atomic Phys., Bucharest, Romania.) Compt rend 245, 1054-6 (1957). The transition ... ... 5461 A has been studied. The measurements of the positions of the components of the line are compared with those of previous workers. A formula is given for the hyperfine sepn. of the components.   Herbert Liebeskind

IONESCU-PALLAS, N. J.

The equation of Debye crystals. N. J. Ionescu-Pallas.
Acad. rep. populare Romîne, Inst. fiz. atomică; Inst. fiz.
Studii cercetări fiz. 10, 75-8(1959); cf. C.A. 54, 14283h. —
Math. proof that the general equation of state satisfies the
crystals which are subject to Debye's theory. Modifica-
tion of the equation to an equiv. form validates it for the
most general cases that are imposed by the restrictive rela-
tion between θ (the Debye temp.) and V.   M. Lapidot

IONESCU-PALLAS, Nicolae J.

A new derivation of the Schmidt formula. Studii cer.fiz. 10 no.4:
639-642 '59.   (IRAI 9:5)
          (Nuclear moments) (Transformations (Mathematics))

IONESCU-Pallas, N.J.

On the selective charging of the Zeeman levels in alkali atoms.
Studii cerc fiz 11 no.3:585-596 '60.   (EEAI 10:2)

1. Institutul de fizica atomica Bucuresti.
     (Atoms)   (Alkalies)   (Magnetic resonance)
     (Sodium)   (Light)

IONESCU-PALLAS, N.J.

Zoltan Gabos's Termodinamica fenomenologica (Phenomenological
Thermodynamics); a book review. Studii cerc fiz 11 no.3:818 '60.
(EEAI 10:2)

(Gabos, Zoltan)   (Thermodynamics)

IONESCU-PALLAS, N. T.

19

Nuclear magnetic moments from hyperfine structure data. N. I. Ionescu-Pallas (Romanian Inst. At. Research, Bucharest). Phys. Rev. 117, 505-10(1960).—The nuclear magnetic moments detd. from the hyperfine structure of the $S_{1/2}$ and $P_{1/2}$ states are systematically smaller than those detd. by methods of magnetic resonance. The Breit-Crawford-Schawlow correction, which takes into account the finite dimensions of the nucleus, together with the Bohr-Weisskopf correction which takes into account the spatial distribution of nuclear magnetism, succeed in explaining at least the order of magnitude in the preceding difference. However, in the 2 corrections, certain factors are detd. graphically, while others are to a certain extent erroneous, owing to incomplete solving of the Darwin-Gordon differential system. All these difficulties are removed and the final result is a completely anal. expression for the total correction. The numerical calcns. made for H_g^{199} by starting from the ground state $S_{1/2}$ (Hg II) fall in good agreement with the value of the nuclear moment detd. by magnetic resonance.   P. M. B.

CRK

IONESCU-PALLAS   N.

/ Determination of the nuclear magnetic moment of Hg^{199} and also the hyperfine structure of the mercuric iodide 5461-A. line. Ion Agirbiceanu, Nicolas Ionesco-Pallas, Vasile Drăgănescu, Nicolas Comaniciu, and Vasile Tatu (Inst. At. Phys., Bucarest-Magurele, Romania). Compt. rend. 250, 317-18(1960).—A previous measurement of the magnetic moment (cf. CA 52, 2526c) was reevaluated and the work was repeated with new equipment to eliminate some of the exptl. errors. A value of $\mu_{Hg} = 0.506$ n.m. was obtained; this agrees well with the values obtained by magnetic resonance. The interval factor obtained was $A(^2S_1) = 0.7166$ cm.$^{-1}$ for Hg^{199}. _____Arnold Friedman

S/058/62/000/010/030/093
A061/A101

24. (300)

AUTHOR: Ionescu-Pallas, N. J.

TITLE: Contributions to the statistical theory of heavy nuclei

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 35, abstract 10B276
             ("Rev. phys. Acad. RPR", 1961, v. 6, no. 4, 441 - 455, French)

TEXT: In the statistical nuclear theory a great difficulty, besides the
mathematical difficulties connected with the solution of Euler's variational
equation, is the proper choice of the expression for the energy density (the ex-
pressions that are obtained from the concrete potential are extremely complicat-
ed). The author uses the expression, characterized by one parameter, for the
energy density of a compressible gas; a correction is introduced phenomenologi-
cally for the inhomogeneity of the nucleus. The variational problem is solved
precisely. The distributions of nucleon density, the binding energy, and the
nuclear compressibility are calculated. The unknown parameters are determined
from experimental data of the binding energy.

                                                    B. Struminskiy
[Abstracter's note: Complete translation]

Card 1/1

IONESCO-PALLAS, N. J.

SURNAME (In caps); Given Names

(1)

Country: Roumania

Academic Degrees: /not given/

Affiliation: Institute for Atomic Physics, Bucharest /no original language
                affiliation given/

Source: Leipzig, Annalen der Physik, Vol 8, No 1-2, 1961, pp 9-27.

Data: "Theory of Isotope Shifts in Heavy Atoms."

AGARBICHANU, I.I. [Agarbiceanu, I.]; BLANARU, L.; DRAGANESKU, V.;
    IONESKU-PALLAS, N.I. [Ionesco-Pallas, N.J.]; KOMANICHU, N.;
    TATU, V.

Determining the nuclear magnetic moment of the isotope Hg^{199} from
the hyperfine structure of the HgI 5461 Å line. Opt.i spektr. 10
no.3:297-300 Mr '61.   (MIRA 14:8)

1. Institut atomnoy fiziki AN Rumynskoy Narodnoy Respubliki,
Bukharest.
    (Nuclear moments) (Mercury—Isotopes) (Interferometry)

S/058/62/000/006/020/136
A061/A101

AUTHOR: Ionescu-Pallas, N. J.

TITLE: Electron wave functions in the vicinity of the nucleus

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 2, abstract 6V10
               ("Comun. Acad. RPR", 1961, v. 11, no. 10, 1155 - 1161, Rumanian;
               Russian and French summaries)

TEXT: The wave function of an alkali-like atom in the vicinity of a
finite nucleus has been calculated. The constant of the solution, being singular
at the origin of coordinates, is associated by a precise relation with the para-
meters of nuclear charge distribution. The constant of the solution regular
over the entire space is found with the aid of both the correspondence principle
(using the semiclassical expression for $\langle 1/r^3 \rangle$), and the WKB approximation. It
is noted that the claculation technique perfectly corresponds to the derivation
of the Fermi-Segre formula.
            Communicare prezentata de academician V. Bykhovskiy

[Abstracter's note: Complete translation] S. T. Teica

Card 1/1

S/081/62/000/024/001/073
B108/B186

AUTHOR: Ionescu-Pallas, N. J.

TITLE: Calculation of the effective quantum numbers for heavy atoms

TEXT: The effective quantum numbers for s-electrons are calculated by
means of semiclassical approximation of the phase integrals. Spherical
symmetry is assumed for the electrons of the atomic core. The expressions
deduced make it possible to estimate the value of $\psi_n^2(0)$ for heavy atoms
whose levels are not known. [Abstracter's note: Complete translation.]

Card 1/1

S/058/62/000/012/013/048
A160/A101

AUTHOR: Ionescu-Pallas, N. J.

TITLE: A more precise relativistic determination of the hyperfine structure

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 1, abstract 12V3
            ("Studii şi cercetári fiz. Acad. RPR", no. 1, 1962, v. 13, 101 -
            104, Rumanian; summaries in Russian and French)

TEXT: A more precise formula was obtained for the relativistic correction
of the magnitude of hyperfine splitting for $s_{1/2}$-electrons. This formula is true
for the states with the finite quantum number n. Racah's known formula was ob-
tained as a limit, when $n \to \infty$.

[Abstracter's note: Complete translation]

Card 1/1

HAFNER, H.; IONESCU-PALLAS, N.J.

On the principle of constant speed of light in restricted
relativity. Studii fiz tehn Iasi 14 no.1:193-197 '63.

HAFNER, H.; IONESCU-PALLAS, N.J.

On the 5-dimensional extension of relativistic physics. Studii cerc fiz 14 no.3:277-287 '63.

1. Institutul de fizica atomica Bucuresti.

HAFNER, H.; IONESCU-PALLAS, N.J.

Extension of mechanics and electrodynamics in the five
dimension space. Studii cerc fiz 14 no.6:797-804 '63.

1. Institutul de fizica atomica, Bucuresti.

IONESCU-PALLAS, N.J.

The Doppler-Fizeau effect. Studii cerc fiz 14 no.6:857-866
'63.

1. Institutul de fizica atomica, Bucuresti.

IONESCU-PALLAS, N.J.

Classic motion of particles in arbitrary tensor fields.
Studii cerc fiz 15 no. 2:133-140 '64.

1. Institute of Atomic Physics, Bucharest.

L 33725-66   T

ACC NR: AP6025170   SOURCE CODE: OE/0061/65/015/03-/0144/0149

AUTHOR: Ionesco-Pallas, N. J.

ORG: Institute for Atomic Physics, Bucharest, Rumania

TITLE: Theory of mesic atoms

SOURCE: Annalen der Physik, v. 15, no. 3-4, 1965, 144-149

TOPIC TAGS: atom, wave equation, nucleus, charged particle, quantum number, parameter

ABSTRACT: This work was undertaken to obtain the
energy formula for pi and mu mesic atoms. The method employed was
based on the fact that the wave equations may be solved exactly out-
side the nucleus. The energy formula was expressed in terms of a pa-
rameter defined as the departure of the main quantum number from an
integer, representing the solution of a transcendental equation.
Klein-Gordon's and Dirac's equations were solved for the case of a po-
tential, yielding by a constant charge distribution inside the nuc-
leus. The approximating equations of the energy, valid for light mesic
atoms, were presented and discussed. Orig. art. has: 10 formulas.
/Orig. art. in Eng./ /JPRS/

SUB CODE: 20 / SUBM DATE: 03Jul64 / ORIG REF: 002 / OTH REF: 002

LS
Card 1/1

IONEECU-PANAITESCU, C.; POHL, E.; BLUM, I.

On the value of the permanganatic index as a method for the study and classification of coals. p. 247

STUDII SI CERCETARI DE ENERGETICA
Bucuresti, umania
Vol. 9, no. 2, 1959

Monthly list of European Accession Index (EEAI) LC Vol. 8, No. 11
Novmeber 1959
Uncl.

BLUM, I.; IONESCU-PANAITESCU, C.; POL, E.

The significance of the permanganate oxidation number as a method
of studying and classifying coal. Rev electrotechn energet 4 no.2:
359-376 '59.   (EEAI 10:1)
        (Rumania--Coal)   (Permanganates)

IONESCU-SISESTI, B.

Structural streaks and strata in coal beds.

p. 28
Vol. 7; no. 1, Jan. 1956
REVISTA MINELOR
Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
     December 1956

IONESCU-SISESTI, B.

3995.   MICROSTRUCTURE OF COAL.

IONESCU- SISESTI, G.

...PROPERTIES OF MINERAL COALS. II. ...CHARACTERISTIC...
...STRUCTURES OF COAL ... Russ. Sci. mat., 1955, vol. 4, (6/7), ...
...in Chem. Abstr., 197?, vol. 50, 17579).

IONESCU - SISESTI, B.

Rumania/Chemical Technology - Chemical Products and Their Application. Treatment
of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62510

Author: Ionescu-Sisesti, B.

Institution: None

Title: New Aspects of the Problem of Humic Coal Structure

Original
Periodical: Aspecti noi in problema structurii carbunilor humici. Rev. Univ.
"C. I. Parhon" si Politehn. Bucuresti Ser. stiint. natur, 1955,
No 6-7, 231-239; Rumanian; Russian and French resumés

Abstract: Classification of coal by petrographic characteristics is considered.
Structure is various types of coal: (a) cellular, characterized by
capacity of strongly reflect incident light, and the higher the
reflecting power the greater is the vitric carbonization of the coal
and the quality thereof; (b) agglomerative, characterizing low
quality of coal; (c) ornamental, which may serve as an index in
determination of the gradations between lignite and coal according

Card 1/2

Rumania/Chemical Technology - Chemical Products and Their Application. Treatment
                              of Solid Mineral Fuels, I-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62510

   Abstract: to the proportions of vitric component and residual bulk of coal,
              as well as according to shade and degree of carbonization;
              (d) mineralized.

Card 2/2

IONESCU-SISESTI, B.

New viewpoints on present notions concerning the petrographic constituents of coal.

P. 73 (Academia Republicii Populare Romine. Institutul de Energetica. Studii Si Cenetari de Energetica. Vol. 7, no. 1, 1957, Bucuresti, Rumania)

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

IONESCU-SISESTI, D.

Earthworks below the level of underground waters by the method of lowering the
water level with acicular filters. p. 113.
(HIDROTECHNICA. Vol. 2, no. 3, May/June 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957
Uncl.

IONESCU SISESTI, D., ing.

Systems of free-level works for water supply in the rivers, and
some designing problems to be solved by laboratory tests. Hidrotehnica
6 no.9:301-310 S '61.

IONESCU Sisesti, D., ing.; Belecciu, S., ing.

Regularization of the Siret River at the Cosmesti-Ionasesti sector. Hidrotehnica 7 no.12:423-434 D '62.

IONESCU-SISESTI, G.

Buruienile si comgaterea lor. Bucuresti Editura Agro-Silvica de Stat, 1955.

231 p. (Weeds and the flght against them

DA   Not in DLC

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

IONESCU-SISESTI, G.

IONESCU-SISESTI, G. Let us preserve, use economically, and carefully
regenerate our forests. p. 433. REVISTA PADURILOR Bucuresti, Rumania
Vol. 70, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5 No. 6, June 1956

COUNTRY   : RUMANIA
CATEGORY   : Cultivated Plants. Cereals.   M

ABS. JOUR. : RZhBiol., No.14, 1958, No. 63319

AUTHOR   : Ionescu-Sisesti, G., Mihalca V., Boldea Sl.
INST.   : The Academy of RPR
TITLE   : Morphological Signs and Physiological Characteristics of
              Wheat Strains 31 and 185 Originating from A15 Variety.

ORIG. PUB. : Bul. stiint. Acad. RPR. Sec. biol. si stiinta agric.,
              1956, 8, No. 4, 799-307
ABSTRACT   : Strain 31 is resistant to infection with rust, to damping-
              off and is very frost resistant. With regard to quick ripen-
              ing and yield it surpasses the original variety A 15. Strain
              135 is resistant to stripe rust, loose smut; it is early-
              maturing and highly productive; it lodges but does not shed
              grain. Strain 135 is one of the highest quality wheats.

Card: 1/1

                              24

Abs Jour   : Ref Zhur - Biol., No 10, 1958, 44022

Author   : Ionescu-Sisesti, G., Mihalca, U., Boldea, E.

Inst   : Scientific Institute of Agronomy.

Title   : Different Lines of Winter Wheat Cultivated Under Condi-
              tions of Superior Agricultural Technique.

Orig Pub   : Anuaruruear stiint. Inst. agron., 1957, 5-22

Abstract   : The lines No 185.31 and 41 isolated from the variety
              A15 of winter wheat surpass the original variety in re-
              gard to quick maturing, drought resistance, winter re-
              sistance and yield. Line No 185 is the most resistant
              one to drooping and line No 41 is susceptivle to droop-
              ing in fertile soils.

Card 1/1

RUMANIA/Cultivated Plants - General Problems.   M-1

RUMANIA/Cultivated Plants - General Problems.   M-1

Abs Jour   : Ref Zhur - Biol., No 9, 1958, 39142

and by 2.3% - in comparison with annual leguminous sowings
which are considered as the best preceding crops.
The yield of hay reached 11.3 t/ha. -- I.K. Fortunatov.

Card 2/2

- 4 -

IONESCU-SISESTI, G., acad.

Ir-reasing the earth capacity of production. St si Teh Buc 13 no.7:
6-7   Jl '61.

IONESCU SISESTI, Vlad, ing.

Agrotechnics of irrigated corn. St si Teh Buc 15 no.4:11-13 Ap '63.

1. "N.Balcescu" Agronomic Institute, Bucharest.

CHIOSA, L.; IONESCU-STOIAN, Fl.; MUNTIU, N.; DUMITRESCU, S.

Contributions to the study of the pyrogenic and antigenic impurities in medicines. Studii cerc fiziol 6 no.2:245-257 '61.

1. Institutul de cercetari farmaceutice si Controlul medicamentelor, Sectia de cercetari si control biologic. 2.Membru al Comitetului de redactie, "Studii si cercetari de fiziologia" (for Chiosa).

(DRUGS)

RUMANIA/Cultivated Plants - General Problems   M

Abs Jour   : Ref Zhur Biol., No 12, 1958, 53516

Author   : Ionescu Sisesti, Gh.
Inst   : -
Title   : Crop Rotation as a Means of Increasing the Yields

Orig Pub   : Probl. agric., 1957, 9, No 7, 23-30

Abstract   : No abstract.

Card 1/1

COUNTRY   : Rumania   H-28

ABS, JOUR. : RZKhim., No. 5 1960, No.   19968

AUTHOR   : Ciobanu, A., Cristea, S., and Ionescu-Sisesti, R.
INST.   : Not given
TITLE   : The Freezing of Eggs

ORIG. PUB. : Rev Ind Aliment Prod Animale, No 3, 8-15 (1958)

ABSTRACT   : The effect of the addition of NaCl and Na-citrate
               (I), freezing temperature, and storage temperature
               on the quality of the egg mixture [sic] (EM) has
               been investigated. It has been established that
               the viscosity of EM stored for 3 months at -6°
               increased from 2 to 6° Engler for EM to which NaCl
               has been added, to 2.7° for EM containing I, and
               to 9.6° in the control batch; the acidity changed
               from 9° Terner to 11.2, 7.5, and 9.3°, respec-
               tively; the NH$_3$ content changed from 0.004 to

CARD: 1/2   382

COUNTRY: : Rumania   H-28

IONESCU-SISESTI, G.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Academician-

Affiliation: -not given-

Source: Bucharest, <u>Stiinta si Tehnica</u>, No 7, Jul 1961, pp 6-7.

Data: "Raising the Production Capacity of the Earth."

IONESCU SISESTI, Vlad, ing.

Irrigated agriculture. St si Teh Buc 14 no.6:22-23 Je '62.

1. "Nicolae Balcescu" Agronomic Institute, Bucharest.

CHIOSA, L.; MUNTIU, N.; IONESCU-STOIAN, Fl.; TAUTU, S.; BOTTESCH, A.

Relationship between the response to pyrogenic substances and
capacity of producing lytic antibodies in rabbits. Studii cerc
fiziol 6 no.1:27-33 '61.   (EEAI 10:9)

1. Institutul de control de stat al medicamentelor si cercetari far-
maceutice. 2.Membru de redactie, "Studii si cercetari de fiziologie"
(for Chiosa).

(FEVER)   (LYSINS) (ANTIGENS AND ANTIBODIES)

SORU, Eugenia; IONESCU-STOIAN, Florica

Purification of the hyaluronic lyases by chromatography
on the DEAD-Sephadex. Studii cerc biochimie 5 no.4:497-505
'62.

1. Membru corespondent al Academiei R.P.R. (for Soru).

.CHIOSA, L.; IONESCU-STOIAN, Fl.

Disorders of thermal homeostasis, produced by anaphylactic shock in rabbits, and their utilization in control tests of the antigenic character of injectable products. Studii cerc fiziol 5 no. 4:693-702 '60.

(1. Homeostasis 2. Anaphylaxis)

1. Institutul de cercetari farmaceutice si controlul medicamentelor si Intsitutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie "Studii si cercetari de fiziologie" (for Chiosa).

IONESCU- STOIAN, P.

RUMANIA / Chemical Technology, Chemical Products and Their Application. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour   : Ref Zhur - Khimiya, No 5, 1959, No. 16538

Author   : Ionescu-Stoian, P.; Stanciu, N.
Inst   : Not given
Title   : Comments Regarding Pharmaceutical Preparations Described in the VII Romanian Pharmacopoeia

Orig Pub   : Farmacia (Romin), 1957, 5, No 4, 366-374; No 5, 467-475

Abstract   : The article contains critical comments pertaining to a large number of preparations included for the first time within the VII issue of the Romanian pharmacopoeia. It also contains suggestions leading to the elimination of shortcomings noticed. -- E. Natkhan

Card 1/1

IONESCU - STOIAN   P.

RUMANIA / Chemical Technology, Chemical Products and Their   H-17
         Application. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour   : Ref Zhur - Khimiya, No 5, 1959, No. 16473

Author   : Ionescu-Stoian, P.
Inst   : Not given
Title   : Yearly Activity Annals of the Scientific Research
              Institute of Pharmacy and Control of Pharmaceuticals

Orig Pub   : Farmacia (Romin), 1958, 6, No 1, 1-8

Abstract   : Annals for 1957 related to analysis, control, and
              effects of pharmaceuticals, synthesis of new drugs of
              vegetable origin, and to pharmaceutical practices. --
              E. Natkhan

Card 1/1

H-45

C

IONESKU-STOYAN, P.; FAYT, I.; STANCHIU, N.; SAVOPOL, Ye.; KRUCHANU, I.
    (Bukharest)

Mechanization of some technical processes in pharmacy. Apt. delo 11
no.1:75-79 Ja-F '62.   (MIRA 15:4)
                  (PHARMACY—EQUIPMENT AND SUPPLIES)

Ionescu - Stoian,

RUMANIA

IONESCU-STOIAN, P., Professor; FLOREA, Viorica, Pharmacist.

    Institute of State Control of Medicines and Pharmaceutical
      Research (Institutul pentru controlul de stat al
      medicamentului si cercetari farmaceutice) - (for all)

    Bucharest, Farmacia, No 3, Mar 63, pp 141-147.

    "The Centennial of the Rumanian Pharmacopoeia."

(2)

IONESCU-STOIAN, P., prof.; GHEORGHIU, E., farm; ROSENBLAT, Ana, farm.

First beginning of medicine control in Bucharest.
Farm Rum 11 no.12:751-756 D '63.

IONESCU-STOIAN, P.; FLOREA, Viorica; ARIZAN, D.; VASILESCU, M.; ILIESCU, C.;
    BOGDAN, Cornelia

Procedure for the preparation of medicinal tablets. Rumanian med.
rev. 19 no.3:72-78   J1-S '65.

Hydrobiology

RUMANIA

STEFUREAC, Traian I., Dr, Asst Prof, and IONESCU-TECULESCU, Venera, Univ Prof, Bucharest [affiliation not given]

"Considerations on the Organization and Ecology of Characeae."

Abstract [Authors' English summary modified]: A discussion on the evolution and phylogeny of characeae on the basis of their organization and systematic position. The ecology of these macrophyte algae is studied in relation to hydrographic, climatic, physical, chemical and biotic factors, and the influence of the various factors in the development of different species is traced. The dynamics of homogeneous as well as hetereogeneous populations of characeae are examined.
        Includes 12 figures and 25 references, of which 8 Rumanian, 3 Russian, 10 German and 4 Western.

IONESCU-TIKUS C.

A problem for physics circles; corrosion of metals.

CIORAPCIU, S., conf.; ANDRONESCU, M., dr.; COSTESCU, Marilena, dr.;
    IONESCU-TIRA, Genoveva, dr.

Considerations on a case of diffuse cancerous osteosis. Med.
intern. (Bucur) 17 no.2:223-228 F'65.

1. Lucrare efectuata in Clinica medicala a Spitalului "Carol
Davilla", Institutul medico-farmaceutic, Bucuresti.

STANESCU, I. (Sibiu); STANESCU, Ilie, Prof. (Sibiu); CUCOS, Stefan, prof.
(Birlad); CASANDROIU, T.C., student (Bucuresti); IONESCU-TIU, C.
DRAGULESCU, Emilian, elev (Baia de Arama); ATANASIU, Ionel, prof.
(Gugesti); BATINETU, D.M., student (Bucuresti)

Problems and exercises proposed for grades 5-8. Gaz mat B 14
no. 10:628-630 0'63.

BIRZAN, Romanel, ing. (Cluj); DUMITRU, Acu (Nasaud); SANDULACHE, C., prof. (Negresti Iasi); SAVULESCU, Benone (Buzau); IONESCU-TIU, C.; PIRSAN, Liviu; PRAVAT, V.V. (Iasi); SACTER, O.; POPA, Eugen (Iasi); ZAMFIRESCU, Tudor; VOICULESCU, Dan (Bucuresti); BEJANCU, Aurel; BARAS, Robert (Botosani); IARCHY, Tatiana, profesoara (Bucuresti); HADIRCA, I. (Breaza); JORA, S. Boris (Babadag); ROMAN, T.; COSTACHESCU, C.V. (Constanta)

Proposed problems. Gaz mat B 15 no.2:80-85 F '64.

BAZACOV, Gh. (Tr. Severin); PETRESCU, P. Anastasie (Craiova); GRIGORE, I.
(Ploiesti); TEODORESCU, I. (Galati); POPESCU, Gh. (Lugoj); STANESCU,
Ilie (Sibi); MORTUN, E. (Pitesti); IVANESCU, Cezar (Tirgoviste);
APOLOZAN, Ion (Medgidia); VASILESCU, Constantin (Ploiesti); IONESCU-
TIU, C.; GAVRILA, Gh. (Bucuresti); SAVU, Constanta (Bucuresti); STA-
TESCU, Emilian (Buftea)

Questions for examinations in mathematics. Gaz mat B 15 no.4:167-171
Ap '64.

LATCU, D., prof. (Hunedoara); PETRESCU, N., prof. (Tg. Carbunesti); CERCHEZ,
Mihu; ZENEMBISI, I., prof. (P. Neamt); TEODORESCU, Voltaire (P. Neamt);
IONESCU-TIU, C.; TOMESCU, Ion (Bucaresti); DUMITREASA, Gh. (P.Neamt);
MIHAILESCU, D., prof. (Pitesti); DUMITRU, Acu (Cluj); LEONTE, Alexandru
(Bucaresti); ANGHELACHE, Tudorica (Bucaresti); POPA, Al. (Pucioasa);
BRINZANESCU, V. (Bucaresti); LUSTIG, Gh. (Bucaresti); ISAC, E. (Tg. Jiu);
LEVIN, Alexandru (Tallin, U.S.S.R.); SIMION, A. (Bacau); AVADANEI,
Cornelia (P. Neamt); SIMIONESCU, Gh.D.; FLONDOR, Elena, (Bucuresti)

Proposed problems in mathematics. Gaz. mat B 15 no.4:172-177
Ap '64.