

BOGZA, Mihai, prof. (Cimpina); POPESCU, O.; ALBESCU, I. (Fagaras); IONESCU-
TIL, C.; STANCU, I.M., student (Bucuresti); DOBRESCU, C., prof.
(Calarasi); GHEORGHE, G.M.

Exercises and problems proposed for grades 5-8. Gaz mat B 14
no.11:685-687 N'63.

FILIPOIU, Alexandru (Buzau); CAPITAN, Gh., prof. (Anina); URSULESCU, Octavian (Bucuresti); BUCUR, Ioan, prof. (Sibiu); PARLAPAN, Stefan (Galati); ZOLTAN, Demeny (Aiud); CORBAN, C. Aurelian); DOBRE, Nelu I. (Merei, Buzau); MIRZAN, D., prof. (Vilcea); GOREA, Aristide (Ploiesti); IONESCU-TIU, C.

Exercises and problems proposed for grades 5-8. Gaz mat B 16
no.4:177-179 Ap '65.

IONESCU-TUI, C.

IONESCU-TUI, C. Geometric consideration of some algebraic relations.
p. 372 GAZETA MATEMATICA SI FIZICA. SERIA A. Bucuresti, Rumania
Vol. 7, No. 7, July 1955

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

IONESCU-TIU, C.

IONESCU-TIU, C. On a method of summation. p. 464. Vol. 8, no. 9, Sept. 1956. GAZETA MATEMATICA SI FIZICA. SERIA A. Bucuresti, Rumania.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

IONESCU-TIU, C.

Propounded problems; 5172. Gas mat B 13 no.3:170 Mr '62.

BAZACOV, Gh.; SIMIONESCU, G.D.; MORTUN, Emil, (Pitesti); HADIRCA, I.,
prof. (Breaza); IONESCU-TIU, C.; SZILAGYI, Karoly (Gare)

Resolved problems. Gaz mat B 14 no.8:469-478 Ag '63.

IONESCU-SIN, G.; BRINZEI, P. Dan, elev (Iasi); ATANASIU, Ionel, prof.
(Sugesti); SULA, Octavian (Iasi); MARZI, Augustin I. (Gluj);
Mihalascu, D. (Pitesti); POPA, Al., elev (Pucioasa)

Exercises and problems proposed for grades 5-8. Gaz mat B 14
no.8:486-488 Ag '63.

CHISALITA, Adrian (Cluj); BAZACOV, Gh. (Turnu Severin); BATINETU, D.M. (Bucuresti);
CASANDROIU, T.; IONESCU-TIU, C.; DEMENY, Zoltan, prof. (Aiud)

Solved problems. Gaz mat B 15 no.1:17-24 Ja '64.

HORIA, Stroe D. (Sibiu); IONESCU-TIU, C.; IONESCU, A. (Galapasi)

Exercises and problems proposed for gradea 5-8. Gaz mat B 15 no.1:
32-34 Ja '64.

IONESCU-TIU, C.; KISS, Elemer (Tg. Mures); MIHAILEANU, N.; PETRU, Simon
(Tg. Mures) DUMITRESCU, Florea I.

Solved problems. Gaz mat B 15 no.8:353-358 Ag '64.

STEMER, D., prof. (Galati); STAN, D., prof. (Breaza); IONESCU-TIU, C.;
ALBESCU, I., prof. (Fagaras); BUCUR, Ioan, prof. (Sibiu)

Exercises and problems proposed for grades 5-8. Gaz mat B 15
no. 8: 369-371 Ag '64.

BRINZANESCU, V. (Constanta); DASCALESCU, H. (Ploiesti); IONESCU-TIU, C.;
ONOPRAS, E., prof. (Ploiesti); LEONTE, Aristide (Gralova); METTLER,
Martin, prof. (Viseu de Sus); LUPOVOC, M.L. (Lugansk, U.S.S.R.);
BIRZAN, Romanel (Cluj); GRIGORESCU, Serban (Bucuresti)

Solved problems. Gaz mat B 16 no.1:17-31 Ja '65.

FLORIAN, Petru, prof. (Dej); MARUSTERU, St., (Baia Mare); HERLING, C., student; PIRSAN, L.C., student (Bucuresti); IONESCU-TIU, C.; COSTACHESCU, C.V.; LAMBA, Stelian (Constanta); LIVIU, Petre (Pucioasa); STRATESCU, Ion, student; BRINZANESCU, V., elev (Constanta); KLIM, Bratu, student (Bucuresti); TEMPEANU, C. (Hunedorara); CALINESCU, Aurelian (Brasov); MUNTEANU, Valentin (Cluj); OPREA, Miron (Ploiesti); MIHAILEANU, N.; TIGANOIU, Al., inginer; Bucliu, Gh.; POPA, Eugen I. (Iasi)

Proposed problems. Gaz mat B 14 no.8:481-485 Ag '63.

1. Institutul Politehnic Bucuresti (for Herling).

MUNTEANU, Corneliu (Bucuresti); PESTROIU, Daniel (Tirgu Jiu); PIRSAN, Liviu (Bucuresti); VOICULESCU, Dan (Bucuresti); ALBESCU, I. (Bucuresti); PELTEANU, Ioan (Bucuresti); STANCU, I.M. (Bucuresti); CHITESCU, Ion (Bucuresti); STANESCU, Ilie (Sibiu); IONESCU, Traian (Braila); KACSO, F. (Cluj); MANESCU, L. (Rimnicu Vilcea); IONESCU-TIU, C.; FOCSENEANU, M.I.; POPA, Eugen (Iasi); MIHALCA, Dan (Bucuresti); PELIGRAD, Nicolae, prof. (Pitesti); BUNA, J. Dorin (Covasna); STANCU, Ion M. (Bucuresti).

Proposed problems. Gaz. mat B 16 no.2:86-91 F '65.

CASANDROIU, Tudor (Bucuresti); STANCIU, A., prof. (Braila); IONESCU-TIU, G.;
VOICULESCU, Dan (Bucuresti); SIMIONESCU, Gh. D.; STRATESCU, Ion
(Bucuresti); HEPLING, C., (Bucuresti); PIRSAN, Liviu (Bucuresti);
TOMESCU, Ioan (Bucuresti); GRIGORESCU, Serban, I.; LIVIU, Petre, prof.
(Tirgoviste); DANCILA, Ion (Sibiu); DUMITRU, Acu (Cluj); POPA, E.
(Iasi); SANDULACHE, C., prof. (Negresti, Iasi); TUDOR, C.N. (Bucuresti)

Proposed problems. Gaz mat B 16 no.3:129-133 Mr '65.

HERLING, C. (Bucuresti); HDRISTE, Constantin; PREDESCU Stefan (Slatina);
Pirsan, Liviu (Bucuresti); BERDAN, G.; IONESCU-TIU, C.; IONESCU,
Florica H. (Bucuresti); FILIPOIU, Al. (Buzau); GEORGESCU, George
(Bucuresti); SANDULACHE, C., prof. (Negresti, Iasi); MORTUN, E.;
SCHEFFEL, Gabriela (Cimpulung); TEODORESCU, I. prof. (Galati);
SICLOVAN, I. (Petrosani); ACU, Dumitru (Cluj); GRECU, Eftimie
(Bucuresti); PAUN, N., prof. (Rimnicu Vilcea); GHEORGHIU, Adrian
(Bucuresti); DUMITREASA, P., prof. (Cluj); GEORGESCU, Corneliu
(Craiova); BOBANCU, V. (Bucuresti); BANESCU, Grigore, prof.
(Cimpina); OPREA, Gh. (Fillani); POPESCU, Ioan M. Bucuresti);
Serb, Ion (Lugoj)

Proposed problems. Gaz mat B 16 no.4:172-177 Ap '65.

IONESCU TULCEA, C. T.

"Measures dans les espaces produits". Nota di C. T. Ionescu Tulcea, presentata dal Socio M. Picone, pervenuta all'Accademia il 5 Settembre 1949. Dia "Rendiconti Dell'Accademia Nazionale dei Lincei", (Classe di Scienze fisiche, matematiche e naturali), series VIII, Vol. VII, fasc. 5.

IONESCU-TULCEA, C. T.

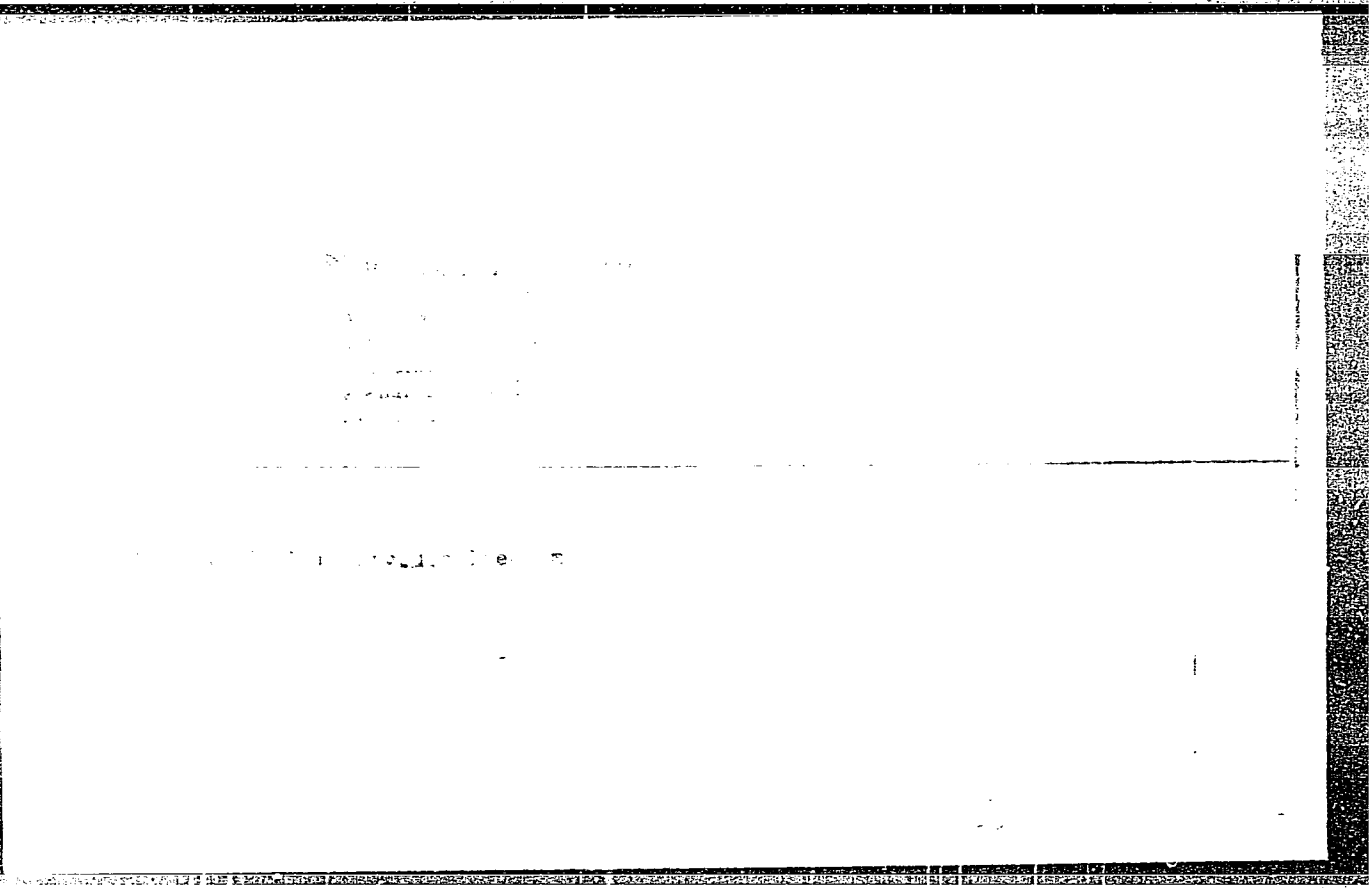
IONESCU-TULCEA, C. T. et MARINESCU, G.

"Theorie Ergodique Pour des Classes d'Operations Non
Complementement Continues", par C. T. Ionescu Tulcea et G. Marinescu.
ANNALS OF MATHEMATICS, VOL 52, No 1, July 1950.

Ionescu Tulcea, C. I. Un théorème ergodique
Ann. Inst. Fourier (Grenoble) 12 (1962) 27-45
In a previous paper (Ann. of Math. (2) 71 (1957) 47-50, MR 12, 266) the authors have proved the ergodicity for T^2 where T is a bounded linear transformation of a separable Hilbert space satisfying the conditions of the theorem. The present paper is a generalization of the previous one. It is proved that if T is a bounded linear transformation of a separable Hilbert space satisfying the conditions of the theorem, then the transformation T^2 is ergodic. The proof is based on the results of the previous paper. The authors also mention that the same result holds for T^n where n is a positive integer. The paper is written in French. The title is "Un théorème ergodique". The authors are C. I. Ionescu Tulcea and G. Marinescu. The paper is published in the Annals of the Institute of Fourier (Grenoble), volume 12, pages 27-45, in 1962. The paper is available in the MR database (Mathematics Reviews) under the number MR 12, 266.

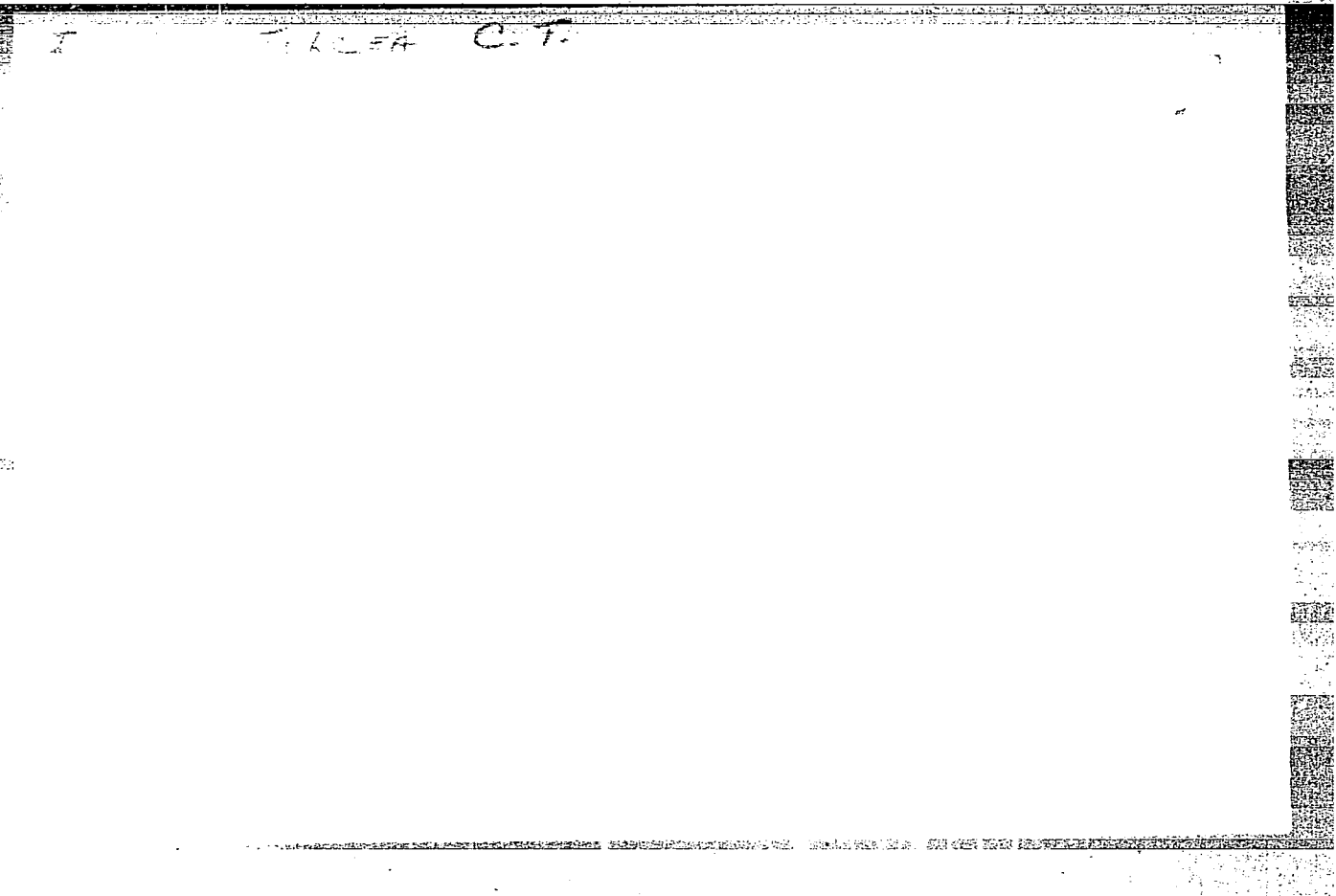
Ionescu-Palcea, C. T. Sur integrarea functiilor cu valori in grupuri abeliane topologice. *Publ. Inst. Mat. Fiz.* 4, 75-83 (1952). (Romanian. Russian and French summaries)

The author defines an integral for functions defined on certain subsets of a given abstract set and with values in a separable abelian topological group. The integral is a natural generalization of an integral considered by the reviewer [*Trans. Amer. Math. Soc.* 42, 124-121 (1935); *ibid.* 4, 162] for functions with values in a convex linear topological space. Most of the fundamental properties of the integral are obtained in the more general situation, the only important exception being the general convergence theorem. (It seems plausible that an appropriate form of the convergence theorem might also go through.) The concept of a filter is used to good advantage here and seems to simplify matters somewhat. C. E. Rickart (New Haven, Conn.)



IONESCU TULCEA, C. T.

"Teoreme Ergodice", by C. T. Ionescu Tulcea.
REVISTA UNIVERSITATII C. I. PARHON SI A POLITEHNICII
Bucurest, No. 4-5, 1954, p. 65.



IONESCU, TULCEA, C.T.

IONESCU, O.; et Ionescu Tulcea, C. T. Sur la régularisa-
tion des mesures et le théorème de Riesz

2 4

4, 1955, no. 3
French summaries)

Given an interval I in Euclidean n -space, the author

constructs on the product $I \times I$ a sequence of density
functions whose total weight is concentrated on the
diagonal with increasing n . With these functions, the author
proves that if f is a function on $I \times I$ such that
the iterated integrals $\int \int f(x, y) dx dy$ exist and are
integral with respect to such a function, Riesz's theorem
holds.

M. M. Day (Urbana, Ill.)

up! Errol

10 VESECI, Tulcea - T -
3

* Onicescu, D.; Mihoc, G.; and Ionescu Tulcea, C. E. ⁴
Calculul probabilitatilor aplicate. [The calculus of probability and its applications.] Bucharest: Republica Populare Romina, 1963. 26, 30. I-FW

There are three parts. The first part is classical. The second, entitled "Stochastic processes", deals with Markov chains, ergodic problems, distributions, limit theorems, time series, aleatory mechanics, and random processes. The third part is devoted to applications in statistical mechanics, mathematical statistics, demography and actuarial theory. 113 pages, including insurance, other than life insurance, 64 tables, 10 figures, 6 pages on stellar statistics. Hardcover, 1963, 26, 30 titles. 41

CYTOLOGY

RUMANIA

IONESCU-VARO, M., Dr, Univ Lect, Bucharest [affiliation not given]

"Germinal Continuity in Animals and Possibilities for Its Transformation."

Bucharest, Natura. Seria Biologie, Vol 18, No 2, Mar-Apr 66, pp 3-11.

Abstract: A review of recent literature concerning the germ plasma of the sexual cells of different types of animals, with special emphasis on studies aiming at the modification of the primary sexual cells. The studies involved injections of desoxyribonucleic acid in chicks; injections of ribonucleic and desoxyribonucleic acid in chick embryos; and blood injections.

Includes 8 figures and one table.

1/1

M. IONESCU-VARO

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R000

710

"Problems in the works of L.B. Polejaev concerning organic regeneration in amphibians." p. 97 (ANALELE ROMANO-SOVIETICE. SERIA BIOLOGIE, Vol. 7, seria a II-a no. 14, July/Sept. 1952, Bucuresti, Rumania.)

SO: Monthly List. of East European Accession, L. C., Vol. 2, No. 7, July 1953, Uncl.

IONESCU-VARO, M.

Discussions in the Soviet biological field on the problem
of the origin of the species. Analele biol 7 no.3:116-129
Jl-8 '53.

IONESCU-VAHO, M.

SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 10, 1961, pp 1241-1246.

Data: "The Parasomes of the Albuminiparous Gland in Helix pomatia L."

IONESCU-VARO, M.

Parasomas of the albuminiparous gland in *Helix pomatia* L. Comunicarile
AR 11 no.10:1241-1246. O '61.

1. Comunicare prezentata de V. Ghetie, membru corespondent al Aca-
demiei R.P.R.

IONESCU-VARO, M.

The parenchyma of planarians. Trav Muz Nat 4:157-165 '63.

IONESCU-VARO, M.; GRIGORIU, A.

The prophase of meiosis in the sterlet (*Acipenser ruthenus* Linne). *Trav Muz Nat* 4:319-324 '63.

Intersexuality in *Pseudorasbora parva* Temminck-Schlegel. *Ibid.*: 339-342

CRISTESCU, Cornelia; IONESCU VLASCEANU, Victor; VLAICU, Stefania

Exact positions of minor planets. Studii astron seismol 5 no.1:
181-192 '60. (EEAI 10:3)
(Planets)

CRISTESCU, Cornelia; IONESCU VLASCEANU, Victor; VLAICU, Stefania

Exact positions of planets observed in 1959. Studii astron seismol
5 no.1:193-200 '60. (EEAI 10:3)
(Planets)

IONESCU VLASCEANU, Victor; NOGACEVSCHI RUSU, Ludmila

Exact positions of minor planets. Studii astron seismol 5 no.1:201-204
'60. (EEAI 10:3)

(Planets)

CRISTESCU, Cornelia; IONESCU-VLASCEANU, Victor; VLAICU, Stefania

Precise positions of minor planets observed in 1958. Studii astron
seismol 5 no.2:301-317 '61. (EEAI 10:9)

(Planets)

CRISTESCU, Cornelia; IONESCU-VLASCEANU, Victor; VLAICU, Stefania

The asteroid 51 Nemusa; positions observed, 1958-1959. Studii astron
seismol 5 no.2:319-323 '61. (EEAI 10:9)

(Planets)

CRISTESCU, Cornelia; IONESCU-VLASCEANU, Victor; VLAICU, Stefania

Precise positions of small planets observed in 1959. Studii astron
seismol 8 no.1:54-84 '63.

CRISTESCU, Cornelia; IONESCU-VLABCEANU, Victor; VLAICU, Stefania

Precise positions of small planets observed in 1960. Studii astron
seismol 8 no.1:85-119 '63.

IONESCU VLASCEANU, Viator

Positions of small planets observed during the years 1960-1962.
Studia astron seismol 9 no.2:241-248 '64.

1. Astronomical Observatory of the Rumanian Academy, Bucharest,
5 Cutilul de Argint Street.

IONESCU VLASCEANU, Victor

Precise positions of small planets (1962-1963). Studii astron 10
no.1:93-98 '63.

Precise positions of small planets (1963). Ibid.:99-105

1. Astronomical Observatory, 5 Cutitul de Argint St., Bucharest.
Submitted June 1, 1964.

GINGOLD, N.; IONESCU-VOICU, Adelina; VILCU, Al.; ANGHEL-RADUCANU, Stela

Investigations and results with a Thorn test without ACTH. Stud. cercet.
med. intern. 3 no.5:669-674 '62.

(ADRENAL CORTEX FUNCTION TESTS)

IONESCU-ZANE, N.

Ultrasonic control in series of items with more complicated forms. p.200.

REVISTA CAILOR FERATE. (Calle Ferate Romine)
Bucuresti, Rumania
Vol. 7, no. 4, Apr. 1959.

Monthly list of Eastern European Accession Index (EEAI) IC vol. 8, No. 11
November 1959
Uncl.

BARBU, N.; IONESI, L.; IONESI, B.

The Ciungi Massif, geologic and geomorphologic characteristic.
Anal St Jassy II 10:105-114 '64.

1. Submitted October 26-28, 1963.

IONESI, Bica

Contributions to the study of the Buglovian in the northern
part of the Moldavian Plateau, Vrancea region city of Siret-
Gramesti. Anal St Jassv II 9:23-28 '63.

BARBU, N.; IONESI, L.; IONESI, B.

The Ciungi Massif, geologic and geomorphologic characteristic.
Anal St Jassy II 10:105-114 '64.

1. Submitted October 26-28, 1963.

SAVUL, M.; BOTEZ, C.; IONESI, L.; OLARU, D.; NACU, A1.

The rock chemistry of the Paleogene Flysch in the Transition facies in the Moldovita Valley, Northern Moldavia, for Co, Ni, Mn, Cu, Pb, Zn elements. Studii cerc geol 7 no.3/4:513-540 '62.

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

MARINESCU, G.; GALEA, I.; IONESI, I.; TUDOR, V.; DOGARU, D.; NICOLAU, G.
MIKHAILESCU, F.

Study of the elimination of 17-ketosteroids in mumps. Stud. cercet.
inframicrobiol. 13 no.2:197-201 '62.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.

(MUMPS urine) (17-KETOSTEROIDS urine) (ADRENAL CORTEX physiology)

JONES, L.

COUNTRY : Romania
 CATEGORY : Cosmochemistry. Geochemistry. Hydrochemistry.
 ABS. JOUR. : *Bulheta*, No. 15, 1959, 20. (7595)
 AUTHOR : Savul, M.; Botez, C.; Jianu, P.
 INST. : American Agency
 TITLE : Geochemistry of Minor Elements -- Cu, Pb and
 Zn of Palaeogene Flysch in Tarcu and Pusu
 Pacus -- Tar Valley (Eastern Carpathians)
 ORG. PUB. : *Studia Universitatis Clujensis*
 Inst. Cluj, 1956, 5, No. 1, 57-61
 ABSTRACT : The content of the above-stated elements was
 determined in the specimens of sedimentary rocks in the
 Tar Valley, and the results are given in the following
 table:
 . 10-1: Malins early limestone -- Cu 7. 10-4 to 1.15 .
 . 10-2: Zn 3.2 - 10-1 to 1.07 . Pb 3. 10-4 to 1.0 .
 . 10-3: clays -- Cu 3.2 - 10-1 to 1.07 . Zn 3.5 - 7.6 . 10-3 .
 Pb 1.2 - 4.8 . 10-3. Histograms, triangular dependence
 diagrams, and geochemical sections are plotted. An increase
 of average concentrations of Cu, Zn, and Pb, from localities
 to localities and farther, was ascertained, which is con-
 nected with effect of adsorption process, concurrently an

CARD: 1/2
 JONES, L.
 ABSTRACT : Increase takes place in correlation bond
 between these elements. Cu has the highest geochemical
 mobility -- J. Vorob'ev.

CARD: 1/2

SAVUL, Mircea, prof.; BOTEZ, Cornelia; IONESI, L.; NACU, Al.

Distribution of some elements in the Senonian, Eocene, and Oligocene deposits of the marginal Flysch of the Eastern Carpathians in northern Moldavia; Valea Humorului. Studii chim Iasi 11 no.2: 227-261 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul de chimie "Petru Poni." 2. Membru corespondent al Academiei Republicii Populare Romine; Comitetul de redactie, "Studii si cercetari stiintifice, chimie" (Academia Republicii Populare Romine, Filiala Iasi) (for Savul).

(Carpathian Mountains) (Minerals)

MARINESKO, V., prof. [Marinesco, V.]; IONESKO, M. [Ionesco, M.]; IONESKO, L.
[Ionesco, L.]; PROINOV, Fr.

Technical feasibility of efficient extracorporeal circulation in
normothermal conditions and in deep hypothermia. Khirurgia, Sofia
14 no. 2/3: 216-221 '61.

(HEART MECHANICAL) (HYPOTHERMIA INDUCED)

IONESCU, I.; SOBARU, A. (Bukharest)

Development of internal trade in the Rumanian People's Republic.
Sov. torg. 34 no.10:41-44 O '60. (MIRA 13:10)
(Rumania--Commerce)

L 2522-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/CG
ACCESSION NR: AP5014585 UR/0181/65/007/006/1808/1812

AUTHOR: Krucheanu, Ya.; Nikulesku, D.; Nistor, N.; Stamatesku, I.; Ionescu-
Buzhor, S. 44,65 44,65 44,65 44,65 44,65

66
63
8

TITLE: Some properties of HgTe single crystals grown from solutions

SOURCE: Fizika tverdogo tela, v. 7, no. 6, 1965, 1808-1812

TOPIC TAGS: mercury compound, telluride, single crystal growing, crystal lattice structure, electric conductivity, Hall constant

ABSTRACT: The authors describe a method never employed before of growing single crystals of HgTe from dilute solutions, aimed at eliminating previously encountered difficulties with the production of single crystals of stoichiometric composition. The single crystals were obtained from solutions of 5 - 10 at. % of tellurium in mercury by very slow cooling from temperatures above 4500. Crystals up to 20 x 12 x 1 mm could be obtained by this method. The shape of the crystals depend on the cooling rate. An x-ray structural analysis has shown that the HgTe single crystals have a structure of the sphalerite type with a lattice constant $a = 6.466 \pm 0.002$ A, corresponding to that calculated on the basis of data on the tetrahedral radii of the Hg and Te atoms. Measurements of the electric properties.

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L 2522-66

ACCESSION NR: AP5014585

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have shown that the decrease in the carrier mobility is slower than in samples obtained by other methods. This is attributed to the high degree of perfection of the structure of the obtained samples. Measurements were also made of the temperature dependences of the conductivity and of the Hall constant. Doping the HgTe crystals with silver, copper, and other various impurities makes it possible to obtain p-type semiconductor crystals. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: Physics Institute, Romanian Academy of Sciences, Bucharest

44.65

SUBMITTED: 16Jan65

ENCL: 00

SUB CODE: 88

NR REF SOV: 003

OTHER: 009

Card 2/2

INT(1)/EWG(m)/T/EMP(t)/EMP(b) LJP(e) RDM/JD
APPROBATION NR: AP5017296 UR/0181/65/007/007/2039/2046

Iliescu, Ye.; Nikulesku, E.; Stamatescu, I.; Nistor, V.; Ionescu-Buzhor

TITLE: Electric properties of certain solid solutions of the system $Zn_xHg_{1-x}Te$

SOURCE: Fizika tverdogo tela, v. 7, no. 7, 1965, 2039-2046

TOPIC TAGS: tellurium compound, semimetal, semiconductor. Hall constant, electric conductivity, thermal emf, solid solution

ABSTRACT: The samples of the solid solutions were obtained by the Bridgman method in quartz ampoules containing previously synthesized tellurides of zinc and mercury in suitable proportions. The samples were cut from the single-crystal parts of the ingots and annealed for a long time (at 210C) in mercury vapor, the pressure was monitored. The electric properties measured were the Hall constant, electric conductivity, and the thermoelectric coefficient. The results show that when the composition of the solid solution is such that $ZnTe$ has a semimetal character, and no transition is observed. In the range 0.04 to 0.10 the conductivity has a maximum which is related by the authors with the presence of impurities of the effective

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I. 52674-65

ACCESSION NR: AP5017296

mass in the composition, resulting from a change in the band structure of the al-
loys simultaneously with a change in their composition and the chemical bond in
them. Orig. art. has: 10 figures, 15 formulas, and 2 tables [02]

Fizicheskiy institut AN Rumynskoy Narodnoy Respubliki, Bucharest
(Institute, AN Rumanian Peoples' Republic)

NO REF COV: 004

OTHER: 013

SS. EM

APP REFS: 4057

I 27469-66 EWT(l)/EWP(e)/EWT(m)/EWP(j)/T/EWP(t)/EWP(k) IJP(c) JD/WW/HW/GG/
ACC NR: AP6007845 RM/WH SOURCE CODE: UR/0120/66/000/001/0213/0214

AUTHORS: Lonesku-Buzhor, S.; Krucleanu, Ye.

ORG: Institute of Physics AN RNR, Bucharest (Institut fiziki AN RNR)

TITLE: Setup for drawing dendrite crystals

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1966, 213-214

TOPIC TAGS: fiber crystal, dendrite, germanium, single crystal growing

ABSTRACT: Apparatus is described for drawing germanium dendrites with mirror-smooth finish, such as are needed for semiconductor devices with improved characteristics (Fig. 1). The apparatus has a different construction and different properties than those hitherto reported in the literature. The grown dendrites are of uniform dimension and length and have a low dislocation density. The apparatus can operate at vacuum 10^{-5} - 5×10^{-6} Torr. The germanium dendrites obtained were 2 - 8 mm thick, of length constant within 0.2 - 0.8 mm. The apparatus can be used to draw dendrites of other semiconductor materials without modification. Orig. art. has: 1 figure.

SUB CODES: 20/ SUBM DATE: 29Jan65/ ORIG REF: 001/ OTH REF: 003

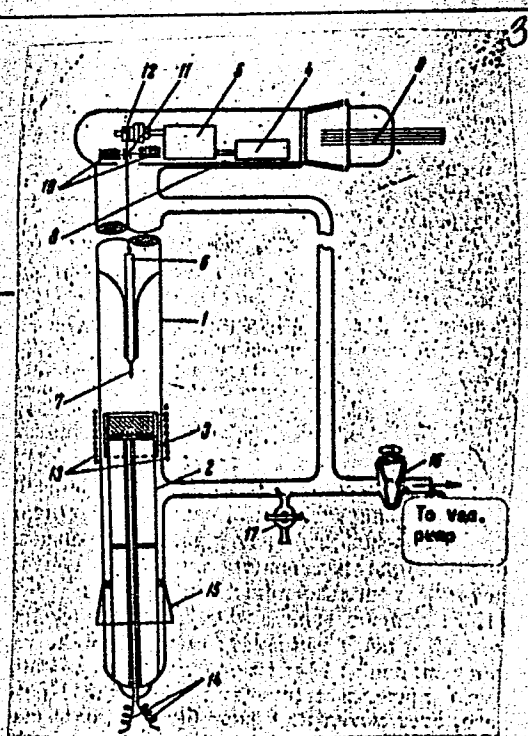
Card 1/2

UDC: 548.552

L 27469-66

ACC NR. AP6007845

Fig. 1. Diagram of installation for drawing dendrite crystals. 1 - Quartz cylinder, 2 - quartz base, 3 - graphite crucible, 4 - electric motor, 5 - reduction gear, 6 - quartz rod, 7 - primer, 8 - teflon plates, 9 - tungsten lead, 10 - coil, 11 - ring, 12 - roller, 13 - resistance oven, 14 - thermocouple, 15 - glass joint, 16 - petcock, 17 - petcock.



Card

2/2 B.L.O.

ACCESSION NR: AP4020919

S/0051/64/016/002/0182/0186

AUTHOR: Draganescu, V.; Komanichu, N.; Tatu, V.; Ionescu-Pallas, N.Zh.

TITLE: Hyperfine and isotope structure of the 5535 Angstrom line of Ba I

SOURCE: Optika i spektroskopiya, v.16, no.2, 1964, 182-186

TOPIC TAGS: hyperfine structure, isotope structure, isotope shift, barium(I), barium(I) resonance line, hfs theory, LS coupling calculations

ABSTRACT: The 5535 Å Ba I line has been investigated by H.Kopefermann and G.Wessel (Nachr.Akad.Wissensch.,Göttingen,Math.-Phys.No.2,53,1948), O.H.Arroe (Phys.Rev.,79, 836,1950) and later by D.A.Jackson (Ibid.,106,948,1957 and Proc.Roy.Soc.,A263,289, 1961), but only the last, who used absorption in an atomic beam, was able to discern hyperfine structure. The present theoretical and experimental investigation of this resonance line, associated with the $6s^2 1S_0 - 6s6p^1P_1$ transition, was undertaken to check the experimental data and provide a theoretical explanation thereof. (Jackson noted a discrepancy between the observed and calculated intensities and hypothesized a small hfs (10 mK) for the odd isotopes.) The present experimental work was also carried out by the absorption in an atomic beam technique; the setup

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ACCESSION NR: APL020919

for obtaining the atomic beam was an improved version of the apparatus described by V. Draganesku (Opt. i spektro., 10, 301, 1961) and included provision for water-cooling of the evaporator in order to enhance the vacuum. A special device consisting of two mirrors with slits was employed to make the light beam pass several times through the atomic beam, in order to obtain substantial absorption without recourse to increasing the evaporator temperature. The light source was a hollow cathode tube into which the barium was introduced in the form of BaCl₂. The spectroscopic instrument was an ISP-22 spectrograph crossed with a Fabry-Perot etalon; the interference patterns were photographed with an exposure of under 15 min and scanned on a Zeiss microphotometer. There were resolved in all 7 components arranged almost symmetrically with respect to the central 138 component in an interval of about 40 mK ($1 \text{ mK} = 10^{-3} \text{ cm}^{-1}$). The experimental data are compared in a table with the results of calculations based on the intermediate coupling theory of G. Breit and L. A. Wills (Phys. Rev. 44, 470, 1933), assuming Russell-Saunders (L-S) coupling. The computation formulas are adduced, and corrections are made for finite nuclear size and the nuclear magnetism distribution. The agreement between the experimental data and calculated values is satisfactory. The theory at present is not adequate for deciding for or against Jackson's hypothesis. The proposed interpretation allows of explaining some

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ACCESSION NR: APL020919

of the observed components. Nevertheless further measurements aimed at determining the broadening of the lines in the spectra of separate isotopes are planned. "The authors are grateful to I. Agarbichan for useful discussions during the course of the work." Orig.art.has: 17 formulas and 1 table.

ASSOCIATION: Institut atomoi fiziki, Bucharest (Institute of Atomic Physics)

SUBMITTED: 10 May 63

DATE ACQ: 02 Apr 64

ENCL: 00

SUB CODE: PH

NR REF SOV: 003

OTHER: 009

3/3
Card

SAVUL, M., acad., BOTEZ K. [Botez, C.] IONESI, L., OLARU, D.,
NAKU, A. [Nacu, A.]

Chemism of the rocks of the Paleogene Flysch transient
facies, developed in the Moldovita Valley (Northern
Moldavia) for the Co, Ni, Mn, Cu, Pb, Zn elements.
Rev geol geog Rum 7 no. 2: 217-244 '63.

IONESI, Liviu

Paleogenic Flysch between the Petak Stream and the Boului Valley,
northern Moldavia. Anal. St Jassy II 9:7-22 '53.

GOL'DFRAKHT, T.; IONESCU, P.

Methods of determining the behavior of gas fields during
and edge water drive. Gas.prom. 5 no.7:5-13 '60.

(MIRA 13:7)

(Gas, Natural)

12-22338-65 EWG(j)/EWA(k)/FRD/. T(1)/SEC(k)-1/.../SEC(h)-2/EWP(k)/
EWA(h) Pa-4/Po-4/Pf-4/Fe-4/Fl-4/.../WG/JRB
ACCESSION NR: AP4042992 S/0051/64/017/001/0139/0141

AUTHOR: Ionescu-Pallas, N. Zh.; Velkulesku, V. G.

B

TITLE: Level population inversions in a gas medium

SOURCE: Optika i spektroskopiya, v. 17, no. 1, 1964, 139-141

TOPIC TAGS: quantum oscillator, laser pumping, level transition,
laser material, gas laser

25

ABSTRACT: The question is considered of obtaining a negative temperature in a two-component gas mixture, satisfying the following conditions. 1. The atomic levels participating in the transfer of excitation from atom a to atom b are as shown in Fig. 1 of the Enclosure; 2) the levels n_a^* and n_b^{**} differ in energy by not more than several kT and have identical orbital quantum numbers; 3) the lifetimes of the levels satisfy the inequality $(\tau_b^{**} - \tau_b^*) > 0$; 4) the level lifetimes

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L 12936-65

ACCESSION NR: AP4042992

due to radiative transitions are much shorter than the duration of the transport of the excitation. The solution of the equations for the time variations of the populations of the five levels in question are analyzed and yield an equation for the excess of population at the level n_b^{**} relative to the population of n_b^* . This excess is accumulated in the cavity. From the pumping formula thus obtained it is concluded that it is desirable to use active media for which the difference $\tau_b^{**} - \tau_b^*$ is large. To have the wavelength of the stimulated emission as close as possible to the visible spectrum, the medium must be one of the last elements of the periodic-table groups with doublet levels, such as thallium, bismuth, and iodine. The ratio of the pressure of the two gases forming the mixture should be as close to unity as possible. "The authors are deeply grateful to Professor Agyrbichan for interest in the work and for useful discussion." Orig. art. has: 6 formulas and 1 figure.

Card 2/4

L 12936-65

ACCESSION NR: AP4042992

ASSOCIATION: Institut yadernoy fiziki, Bukharest (Institute of Nuclear Physics)

SUBMITTED: 13Aug63

ATD PRESS: 3102

ENCL: 01

SUB CODE: ME, EC

NO REF SOV: 000

OTHER: 006

Card 3/4

L 12936-65

ACCESSION NR: AP4042992

ENCLOSURE: 01

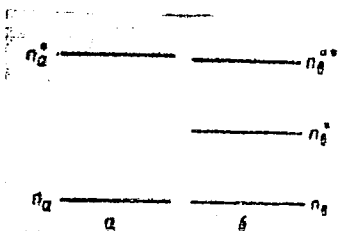


Fig. 1. Arrangement of atomic levels

Card 4/4

EXCERPTA MEDICA Sec 8 Vol 9/8 Neurology Aug 56

340. IONESKY-MIKHEYESHT K., GORODNITCHANU F., ZAMFIRESKU M.,
KLEYN R., GANTCHEVITCH G., STERESKU P. and BUSHLE V. *Iso-
lation of the Cocksackie virus from the faeces of a child
suspected of poliomyelitis (Russian text) PEDIATRIJA 1955,
3 (19-23)

The first strain of Cocksackie virus was isolated in Rumania in 1953 from the faeces
of an infant on the 6th day of illness, possibly poliomyelitis. Blood serum obtained
from the infant on the 17th day of illness neutralized in dilution 1:5000 at least 50
LD of the virus in mice. Neutralization effect was also achieved with γ -globulin
from pooled samples of human blood. On the basis of histopathology of newborn
mice infected with the virus the latter belongs to the Daldorff group of Cocksackie
viruses.
Anigstein - Galveston, Tex. (XX, 4, 7, 8, 17)

IONESOVA, A. A.

IONESOVA, A. A. "Establishment of the Micro-sclerotia of the Agent of Wilt, Verticillium dahliae," in Results of the Work of the Station of Plant Protection of the All-Union Order of Lenin Scientific-Research Institute of Cotton Production on the Study of Pests and Diseases of Cotton and Lucerne for 1939 (Autoreferences and References), Publishing House of the All-Union Order of Lenin Scientific-Research Institute of Cotton Production, Tashkent, 1941, pp. 67-70. 464.04 T18.

So: SIRA SI-90-53, 15 Dec. 1951

IONESOVA, A.S.

Ionesova, A.S. "On the question of organic acids in connection with the exchange of hydrogen in the cotton plant and *Salsila crassa*", *Izvestiya Akad. nauk UzSSr*, 1948, No. 3, p. 44-49, (Resume in Uzbek), - Bibliog: 9 items.

So: U-3042, 11 March 53, (*Letopis 'nykh Statey*, No. 9, 1949)

IGNESCVA, A. S.

28511

Nabukhayemostb I Dykhaniye Prorastayushchikh Shchikh Syemyan Khlopchatnika
Fod Vliyaniyem Zasolyeniya Doklady Akad Nauk U)SSR, 1949, No. 6, s.20-24-
Ryezumye Na Uzbyek Yaz Bibliogr 5 Nazv

SO: LETOPIS NO. 38

~~IONESOVA, A.S.~~

Influence of defoliation on the organic acids of the cotton plant.
Uzb. biol. zhur. no.2:19-22 '58. (MIRA 11:10)

1. Institut botaniki AN UzSSR.
(Cotton growing) (Acid, Organic) (Defoliation)

(1156)
IONESOVA, A.S., Cand Biol Sci — "Organic acids of cotton."
Tashkent, 1959. 17 pp (Acad Sci UzSSR. Inst of Botan^y), 175 co-
pies (KL,27-59, 119)

-15-

ZAKHAR'YANTS, I.L.; IONESOVA, A.S.

Effect of assimilator accumulation on the photosynthesis in plants
with various types of carbohydrate metabolism. Uzb. biol. zhur. 8
no.4:19-23 '64. (MIRA 18:7)

1. Institut botaniki AN UzbSSR.

IONESYAN, A.I.

Veterinary services to state breeding farms should be improved
in every possible way. Veterinaria 32 no.8:8-10 Ag '55.

(MLRA 8:10)

1. Zamestitel' nachal'nika Soyusshivkontery Ministerstva sel'-
skogo khozysstva SSSR.

(VETERINARY MEDICINE)

IONESUAN, A. S., ZAGALOVA, P. I., SHUTOV, A. I., and PITENKO, N. F.

"Condition of the Upper Respiratory Tract in Workers of the Electrolytic Shop of 'Elektrotsink' Plant," by Docent N. F. Pitenko and Clinical Physicians A. I. Shutov, P. I. Zagalova, and A. S. Ionesuan, Ear, Throat, and Nose Clinic, Severo-Otinskiy Medical Institute, Gigiyena i Sanitariya, Moscow, Vol 21, No 12, Dec 56, pp 48-49

The authors report the results of medical examinations of a number of workers employed at the electrolytic shop of "Elektrotsink" plant who complained of diseases of the upper respiratory passages. The examinations revealed serious affections of the passages: nosebleeds, ulcerations of the mucous membrane, perforations of the nasal diaphragm, and others, all undoubtedly caused by pungent substances which contaminated the atmosphere in the shop. The shop, it was found, had a large number of electrolytic baths filled with a neutral solution of neutral zinc sulfate. In the course of the electrolytic process, gas bubbles containing toxic substances are formed and evaporate forming a pungent fog which contaminates the atmosphere in the shop. In addition, it is thought that fluorite compounds which are present in the electrolytes in some quantities play their part in causing the affections.

On the basis of the examinations, a number of measures with a view toward improving hygienic-sanitary conditions at the shop and protecting of the workers' health are recommended. Among them are (1) the exclusion from employment in the shop of persons who may be susceptible to diseases of the upper respiratory tract, (2) proper ventilation, (3) the installation of facilities for drawing off the gases directly from the baths, (4) organized periodic washing of the mouth during work hours, and the application of vaseline to nasal mucous membrane before work begins, and (5) organized systematic inspection of the air in the shop.

Sum 1258

IGNESYAN, A.S.

PITENKO, N.P., dotsent; SHUTOV, A.I., klinicheskiy ordinator; ZAGALOVA, R.I.,
klinicheskiy ordinator; IGNESYAN, A.S., klinicheskiy ordinator

Condition of the upper respiratory tract in workers of the electrolytic
shop of the "Electrotsink" plant. Gig. i san. 21 no.12:48-49 D '56.
(MIRA 10:1)

1. Iz kliniki bolesney ukha, gorla i nosa Severo-Osetinskogo
meditsinskogo instituta.

(SULFURIC ACID, inj. eff.

upper resp. tract dis. in zinc factory workers)

(ZINC, inj. eff.

zinc sulphate, causing upper resp. tract dis. in zinc
factory workers)

(NASAL CAVITY, dis.

caused by sulfuric acid & zinc sulphate in zinc factory
workers)

IONETE, L., prof. (com. Fumureni, Rn. Dragasani)

Where the aurochs lived. Natura Biologie 16 no.3:88-
90 My-Je '64.

B 33517-66

ACC NR: AP6023507

SOURCE CODE: CZ/0049/65/000/011/0862/0866

AUTHOR: Murgas, Karol--Murgash, K. (Doctor; Bratislava); Jonec, Viliam--Jonets, V.
(Doctor; Bratislava) 27
B

ORG: Institute of Endocrinology, SAV, Bratislava (Endokrinologicky ustav SAV)

TITLE: Distribution of ascorbic acid in the adrenal cortex of rats under acute cold induced stress

SOURCE: ²²Biologia, no. 11, 1965, 862-866

TOPIC TAGS: adrenal gland, ascorbic acid, histology, rat, central nervous system, heat biologic effect, biochemistry

ABSTRACT: The concentration of ascorbic acid decreases under the conditions discussed. It was found that under stress the number of granules found by histological methods is directly proportional to the decrease of the content of ascorbic acid. When the content of ascorbic acid was decreased by means of various influences acting upon the CNS, there was no direct proportional connection between the two phenomena. Orig. art. has: 8 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 25May65 / ORIG REF: 002 / OTH REF: 005

Card 1/1 92 1467

IONEV S.L.P

M.

BULGARIA/Cultivated Plants - Fruits. Berries.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15791

Author : K.D. Stoyev, V.P. Stanev, Sv.B. Nenov, Sl.P. Ionev

Inst : The Scientific Research Institute for Wine Making and Viticulture.

Title : A Contribution to the Problem of the Agrotechnics Which Provide Accelerated Fruit Bearing in Young Grape Vines. (K voprosu ob agrotekhnike, obespechivayushchey uskorennoye plodonosheniye molodykh vinogradnykh kustov).

Orig Pub : Lozarstvo i vinarstvo, 1957, 6, No 2, 5-9.

Abstract : The Experimental Station of the Scientific Research Institute for Wine Making and Viticulture made tests in the cultivation of a large number of grape varieties to accelerate the bearing of fruit in the vines by means of a series of agrotechnical measures as well as the leaving

Card 1/2

YONEV, S.P.

BULGARIA/Plant Diseases. Diseases of Cultivated Plants.

0-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25386.

Author : Yonev, S.P.

Inst :

Title : Several Features of the Development of Grape Mildew and Its Control. (Nekotoryye osobennosti razvitiya mil'd'yu vinograda i bor'ba s ney).

Orig Pub: Lozarstvo i vinarstvo, 1957, 6, No 2, 27-30.

Abstract: It has been established that the first spraying should not be made prior to winter spore contamination, but, rather, before the appearance of the greasy spots right before the second appearance of the summer spores. The times for the ensuing sprayings should be determined by the incubation periods of the fungus' development. In case of drought when the conidia are

Card : 1/2

12

BULGARIA/Plant Diseases. Diseases of Cultivated Plants.

0-2

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25386.

absent on the spots, spraying should be timed by the state of inflorescence and the presence of growth where there has been no spraying, gauged by the expected precipitation.

Card : 2/2

I ONEV, S

COUNTRY : USSR
 CATEGORY : Plant Diseases. Cultivated Plants. 0
 RES. JOUR. : RZhBiol., No. 3, 1959, No. 11305
 AUTHOR : Raykov, Y., Ionev, S.
 INST. : -
 TITLE : Incubation Periods of Mildew.

ORIG. PUB. : Vinodeliye i vinogradarstvo SSSR, 1958, No. 1, 29-36

ABSTRACT : The incubation periods of mildew upon the infection with the winter and summer spores are considered in connection with the periods and number of sprayings. The length of the incubation period is determined by proceeding from the average diurnal temperatures. On the oily spots, almost all conidiospores appear during the first three days after the formation of conidia carriers owing to which the new infections do not occur uninterruptedly but in flareups. The authors consider that the spraying of the vineyards should be done before

CARD: 1/2

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No. 11305

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : the end of the incubation periods which can be forecast in advance by the Signal Service. In the case of a delay in the formation of conidia due to cold weather or a lowered humidity of the air, the spraying periods are determined on the basis of the amount of the growth of the plant and the weather forecasts. In the control of mildew, it is necessary to check the end of the incubation period determined theoretically, with the actual manifestation of the disease. — R. M. Vager

CARD: 2/2

IONGA, S. [Ionha, S.]

Organization and economics of water supply for collective farms
of Odessa Province. Visnyk AN URSR 29 no.12:16-25 D '58.
(MIRA 12:1)

(Odessa Province--Water supply, Rural)

PRIMAK, Konstantin Vladimirovich [Prymak, K.V.]; ~~IONGA, Svetlana~~
~~Semenovna [Ionha, S.S.]~~; KUGUKALO, I.A. [Kuhukalo, I.A.],
kand.ekon. nauk, otv.red.; VAYNSHTEYN, Sh.I. [Vainshtein,
Sh.I.], red. izd-va; KADASHEVICH, O.O. [Kadashevych, O.O.],
tekhn. red.

[Economic efficiency of water and land improvement in the
Ukrainian S.S.R.] Pytannia ekonomichnoi efektyvnosti vodno-
zemel'nykh melioratsii v URSR, Kyiv, Vyd-vo Akad.nauk
URSR, 1962. 102 p. (MIRA 15:8)

(Ukraine--Water resources development)

(Ukraine--Drainage)

SAMOYLOV, I.; VLADIMIROV, A.T.; IONI, A.S.

"Geomorphology of seashores and ocean bottoms" by O.K. Leont'ev.
Reviewed by I.Samoilov, A.T.Vladimirov, A.S. Ioni. Izv. AN SSSR.
Ser.geog. no.6:132-135 N-D '56. (MLRA 10:1)
(Seashore) (Ocean bottom)

IONICA, C.

ROMANIA

POPESCU-BARAN, M., Dr, CIORTEA, Gr., Dr, IONICA, C., Dr, TUDORIU, C.D., Dr, VIOR, C., Veterinarian, ECU, Eng., Veterinarian, MARCEA, E., Veterinarian, JIVCIN, P., Dr, GAMBIR, S., Dr, NITOIU, L., Dr, and PREDOIU, I., Dr, of the "Pasteur" Veterinary and Biological Products Research Institute (Institutul de Cercetari Veterinare si Biopreparate "Pasteur", CREANGA, E., Dr, FAUR, Gh., Veterinarian, and DIACONU, M., Veterinarian, of the Scientific Control Laboratory for Biological Products and Drugs for Veterinary Use (Laboratorul de Control Stiintific al Produselor Biologice si Medicamente de Uz Veterinar), and VOINOV, E., Dr, of the Central Agricultural Research Institute (Institutul Central de Cercetari Agricole).

"Improvement of Animal Tuberculosis Allergical Diagnosis in Rumania by Single and Simultaneous Tests Using Purified Tuberculine (PPD)."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 1, Jan 1963, pp 50-53.

1/2

RUMANIA

Bucharest, Revista de Zootehnie si Medicina Veterinara,
Vol. 13, No 1, Jan 1963, pp 50-63.

Abstract: [Author's English summary modified]: Two types of purified tuberculin (PPD) were prepared; that for mammals was standardized to a content of 100,000 T.U./ml, and that for birds to 25,000 T.U./ml. The results of large-scale tests on epizootically different animals permitted the practical application of the single tuberculin test with PPD to cattle, pigs and birds. The use of PPD allowed the introduction of the simultaneous testing of cattle for tuberculosis diagnosis, bringing about a clarification of the tuberculin reactions, a saving of time and the fact that only the animals suffering from tuberculosis, among those reacting to tuberculin, have to be sacrificed. Includes 1 Russian, 7 Western and 11 Rumanian references.

2/2

ZONICA, C. I.

[RUMANIA

ZONICA, C. I., Dr of the "Pasteur" Veterinary and Biological Products Research Institute (Institutul de Cercetari Veterinare si Biopreparate "Pasteur.")

"Some Data on Nodular Cattle Dermatitis."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 2, Feb 1963, pp 55-60.

Abstract [Author's English summary modified]: Nodular dermatitis in cattle was diagnosed in Rumania by means of the characteristic skin lesions, bacterioscopic examination and, in one unit, histopathological examination. The afflicted animals reacted to tuberculin. Where the simultaneous tuberculation test was used, the reaction was greater to mammal type tuberculin than to the bird type, usually by 2 to 4 mm, in most cases; however, in some cases the two reactions were equal or were greater for the bird-type tuberculin.

Contains 8 figures and 9 references, of which 6 Rum.

[1/1

TUDORIU, C.D., Dr, IONICA, C., Dr, CAMBIR, S., Dr, and PREDOIU, A., Dr, of the "Pasteur" Institute of Veterinary Research and Biological Products (Institutul de Cercetari Veterinare si Biopreparate "Pasteur"), PARASCHIVESCU, M., Veterinarian, SESERMAN, O., Eng, and PARASCHIVESCU, G. of the Zootechnical Research Institute (Institutul de Cercetari Zootehnice), and ANDREI, M., Dr, of the Constanta Regiune Veterinary Laboratory (Laboratorul Veterinar Regional Constanta).

"Aspects of Br. ovis Infection in Reproducing Rams."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No. 9, Sep 63, pp 74-80.

Abstract [Authors' English summary modified]: One of the main causes of ram infertility is infection with Br. ovis which brings about partial or complete degradation of the sperm. As the most dangerous epizootic moment for transmitting the disease is natural interbreeding, artificial insemination in infected flocks is recommended. The changes in the sperm diagram of infected animals involve the density, mobility and presence of materials other than the sperm, such as epithelial and white cells and Br. ovis. Volume changes are not characteristic, but there may be color changes in the ejaculated sperm.

Includes 1 table and 23 Eastern-European and Russian references.

1/1

IONICA, Gheorghe

Training the skilled staff at the level of requirements. Ind
lemnului 15 no.8:314-318 Ag '64.

IONICA, Verona

SAVOPOL, E.

RUMANIA

MD

Institute for the State Control of Medicines and Pharmaceutical Research,
Laboratory for Pharmaceutical Technique (Laboratorul de Tehnica
Farmaceutica al Institutului pentru Controlul de Stat al Medicamentului
si Cercetari Farmaceutice).

Bucharest, Farmacia, Revista a Uniunii Societatilor de Stiinte Medicale
din RPR, No 10, Vol X, Oct 62, pp 619-624.

"Contributions to the Study of Extractive Solutions. The Preparation
of Tinctures." (Paper on Research made in the Laboratory for
Pharmaceutical Technique of the Institute for the State Control of
Medicines and Pharmaceutical Research.)

Co-author:

→ IONICA, Verona, Pharmacist, Institute for the State Control of
Medicines and Pharmaceutical Research.

IONICA, VERONA

IONICA, Verona, Pharmacist; SAVOPOL, E., Dr; MIHAILESCU, Florica, Pharmacist;
VITEC, Natalia, Pharmacist

Rumania

Rumania

Institute for State Control of Drugs and Pharmaceutical Research (for all)

Bucharest, Farmacia, No 11, Nov 62, pp 683-690

"Stabilization of the Limits of Alcoholic Concentration in
Tinctures and Extracts"

(4)

DIMITRIU, K. [Dimitriu, C.]; BERONIADE, V.; IONITSE, K. [Ionica, C.];
STIGLETS, K. [Stiglec, C.]; DZHORDZHESKIU, I. [Georgescu, I.]

Alkaptonuria. Terap.arkh. no.6:88-91 '61.

(MIRA 15:1)

1. Iz 2-y bukarestskoy terapevticheskoy kliniki (dir. - prof.
K.K. Dimitriu) i Instituta imeni V. Babesha.
(URINE ANALYSIS AND PATHOLOGY) (ACETIC ACID)

1 ONI CHEV, N. II

Tidal Tides of the Earth According to the Observations in 1958 in Indian Subcontinent by the Soviet Scientists, A. E. Ostrovskiy, N. E. Zaslavskiy, and S. M. Puzynskiy (in Russian) (in English)

Tidal Tides of the Earth According to the Observations in 1958 in Indian Subcontinent by the Soviet Scientists, A. E. Ostrovskiy, N. E. Zaslavskiy, and S. M. Puzynskiy (in Russian) (in English)

Results of Observations of Tidal Tides of the Earth's Surface by Means of a Photoelectric Tiltmeter in March to September-December, 1957 by Soviet Scientists, A. Ostrovskiy, A. Zubovskiy, and S. Maronov (in Russian) (in English)

Observations of the Tidal Tides of the Earth by Means of a Photoelectric Tiltmeter in February, July-October 1956 by Soviet Scientists, A. Ostrovskiy, P. Ibrayev, and S. Puzynskiy (in Russian) (in English)

Tidal Variations of Crustal Displacements by Soviet Scientists, N. E. Zaslavskiy, S. P. Puzynskiy, D. S. Shklyar, M. V. Kuznetsov, and S. E. Lomachenko (in Russian) (in English)

Observations of Tidal Tiltmeter in January to February, March (near Moscow) by I. K. Puzynskiy, I. S. Puzynskiy, S. P. Puzynskiy, M. V. Kuznetsov, S. D. Balkov, and S. H. Zubovskiy (in Russian) (in English)

Papers Presented at First Meeting of Permanent Commission on Earth Tides, Trieste, Italy, 6-11 July 1959, under the sponsorship of the Int'l Union of Geodesy and Geophysics (IUGG)

MEDVEDEVA, G.A.; MEYSEL', M.N.; IONICHEVA, G.A.

Regeneration of yeast organisms following their inactivation
with chloroethylamine and their adaptation to this compound.
Dokl. AN SSSR 159 no.3:656-659 N '64 (MIRA 18:1)

1. Institut mikrobiologii AN SSSR. 2. Chlen-korrespondent
AN SSSR (for Meysel').

FEDOROV, V.D.; IONICHEVA, G.A.

Phospholipids of photosynthesizing green Chlorobium thiosulfatophilum. Dokl. AN SSSR 161 no.1:224-227 Mr '65.

1. Submitted June 8, 1964.

(MIRA 18:3)