

CRISTEA, M.; PREDĂ, V.

The effect of the conditions of environment on the development of the chicken embryo. I. The influence of the incubation temperature on the hepatic chondriome of a chicken embryo. p. 709. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 6, no. 5, May 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress.
Vol. 5, no. 9, Sept. 1955

Rumania/General Biology. Individual Development B

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57149

Author : Preda Victor, Cristea Maria

Inst : Not given

Title : Trophic Role of the Nervous System of the Embryo.
Report 1. Role of the Nervous System in the De-
velopment of the Chondriome in the Liver of the
Embryo.

Orig Pub : Comun. Acad. RPR, 1956, 6, No 6, 849-854

Abstract : Hundred chicken embryos after 36 hour of incu-
bation were used in the experiments; the prosen-
cephalon was removed in the first group; the
prosencephalon and diencephalon in the second
group, the mesencephalon in the third group, and
all three divisions of the brain in the fourth
group of embryos. An investigation of the brain

Card 1/3

Rumania/General Biology. Individual Development B

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57149

Abstract : and the chondriome of the liver was conducted in normal and experimental embryos 7.5 days after incubation. In all groups a considerable decrease in the sizes of the embryos as compared with normal was noted. Underdeveloped eyes were found in the first group; an absence of eyes and upper facial part of the head was observed in the second group; overdeveloped eyes were found in the third group; finally in the last group an absence of eyes and the upper facial part of the head was noted. Correspondingly, a decrease of the liver chondriome was observed in the first group, a complete absence of the chondriome was found in the second and fourth groups, and a considerable decrease in the 3rd group. Thus, the removal of the prosencephalon evoked an inconsiderable disturbance

Card 2/3

Rumania/General Biology. Individual Development. B

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57149

Abstract : of metabolism in the embryo; the removal of the mesencephalon produced a more serious disturbance, while the removal of the diencephalon caused the most serious changes.

Card 3/3

CRISTEA, M.

10

Bucharest, Virza Medical, Vol VIII, No 21, 1 Nov 61
(continued)

8. "Electrographic changes of Certain Carotid Phuro-
phores of the carotid artery in the case of hypertension
of the carotid artery in the case of hypertension
(Clinical and physiological study of the carotid artery in the case of hypertension
Andrei Leaciu (Clinical and physiological study of the carotid artery in the case of hypertension
pp 117-118).

9. "Considerations on a Case of Pleurocy with Diagnosis
of TOXACITICIA SARILEM. Work performed at the
Medical Institute for Tuberculosis Hospital de Tuber-
culosis "Piraret" (Bucharest) by S. CALITZIAN
director (director): pp 1179-1182.

--- 2/2 ---

POPPER, M., prof.; KAUFMAN, S., dr; CRISTEA, M., dr; VANCOV, T., dr.

The association of tuberculosis with aspergillosis. Med. int.,
Bucur. 12 no.2:295-301 F '60.
(TUBERCULOSIS PULMONARY complications)
(ASPERGILLOSIS complications)

FREDA, V.; MIHALGA, I.; CRISTEA, Maria

Influence of blood transfusions on the differentiation of the gonads
in chick embryos. Stud. cercet. endocr. 13 no.3:361-364 '62.
(GONADS embryology) (BLOOD TRANSFUSION experimental)

CONSTANTINESCU, G.N.; CRISTEA, M.; VRABIE, Elena

Neurological and psychic accidents in the course of cycloserine treatment.
Rumanian M Rev. no.2:40-43 Ap-Je '60.

(CYCLOSERINE toxicology) (MENTAL DISORDERS etiology)

(NEUROLOGIC MANIFESTATIONS)

Crister, M.

ROMANIA

DOMITRESCU, N., MD; CRISTER, M., MD.

Bucharest, Viata Medicala, No 5, 1 Mar 63, pp 323-327.

"Diagnostic Problems of Pulmonary Tuberculosis in Aged Patients."

(2)

CRISTEA, M.; CIEJAN, L.; GHIZARI, Eugenia; NICOLAESCU, T.

Studies on the value of the test with serous histaminopexy for the diagnosis of allergic diseases. Studii cerc fiziol 6 no.1:73-78 '61.
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Secretar stiintific al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Cristea). 3. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Nicolaescu).

(ALLERGY) (BLOOD SERUM) (HISTAMINE)

PREDA, V., prof.; MIHAICA, I.; CRISTEA, M.; ONEA, O.; CRACIUN, O.; STANESCU-CARPEN, E.; MURESANU, D.; SCHUSTER, H.;

Action of the conditions of environment on the development of chick embryo. IX. Influence of permanent light on the metabolic processes of the embryonal liver, kidneys, brain, and heart. Studii biol Cluj 12 no.2:235-251 '61.

1. I.M.F., Cluj, Catedra de biologie - histologie. 2. Membru al Comitetului de redactie, "Studii si cercetari de biologie" - Filiala Cluj - (for Preda).

*

FIRU, P., conf.; DIACONESCU, M., dr.; CRISTEA, M., dr.; CHERGA-NEGREA,
Adina, dr.; CRISTEA, Iulia

Various stomatological aspects of rickets in preschool children.
Stomatologia (Bucur) 12 no.2:139-148 Mr-Apr'65.

1. Lucrare efectuata in Clinica de stomatologie infantila
Institutul medico-farmaceutic, Bucuresti (seful clinicii:
conf. P. Firu).

CRISTEA, Marin, ing.; SOLT, Constantin

Economical situation will be straightened out. Constr
Buc 16 no. 755:2 27 June '64.

1. Director of the "Ideal" Cement Works, Cernavoda (for
Cristea).

CRISTEA, N.

Considerations on the wind and the manometric anemograph.
Meteorologia hidrol gosp 7 no.3:224-227 '62.

DRAGANESCU, Ovidiu, ing. (Craiova); GALBENU, Gheorghe, ing. (Craiova);
Cristea, Nicolae, ing. (Craiova)

Influence of the nature of the cage material on the starting
parameters of synchronous machines. Electrotehnica 13 no.2:
41-45 F '65.

1. "Electroputere" Plant, Craiova. Submitted November 27,
1964.

I 11610-66

ACC NUM: AP6031211 SOURCE CODE: RU/0004/65/000/002/0041/0045

AUTHOR: Draganescu, Ovidiu (Engineer); Galbenu, Gheorghe (Engineer); Cristea, Micoale (Engineer)

ORG: "Electroputere" Works, Craiova (Uzinele "Electroputere") 43
B

TITLE: Influence of the nature of cage material on the starting parameters of synchronous machines

SOURCE: Electrotehnica, no. 2, 1965, 41-45

TOPIC TAGS: electric motor, electric engineering

ABSTRACT: Experimental studies on the behavior of the MSA synchronous motor (630 kilowatt, 6 kilovolt, 1,000 rotations per minute) with various metals as cage material leads the authors to recommend the proper materials in terms of the desired characteristics. Orig. art. has: 7 figures and 1 table. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 09 / SUBM DATE: 27Nov64 / ORIG REF: 005

Card 1/1 af

UDC: 621.313.323.045.56.001.21

✓ 10.3-142

3

551.506.77
 Cristea, N., (Un model de pluviometru totalizator. [A totalizing rain gage.] *Meteorologia și Hidrologia*, Buchares, 1(2):49-50, Dec. 1954. DWB—A rain gage, which is being tested for use in the Romanian network, is described and its design shown. The gage has a collection surface of 200 cm²; it holds 25 l. of water. There are provisions against freezing, evaporation, etc. The gage is mounted on a tripod which facilitates precise horizontal installation 1 1/2 in. from the ground. Details of operation are discussed. Subject Heading: 1. Rain gages.—G.T.

EE

GW

1/1

August 3, 1959

CRISTEA, N.

New method to foresee the behavior of petroleum beds with partial hydraulic pressure.

P. 355(Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDII SI
CERECTARI DE MECANICA APLICATA. Vol. 7, no. 2, Apr./June 1956, Bucuresti, Romania)

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

KRISTEA, N.[Cristea, N.], doktor inzh.; AKOSH, Ban[Acos, Ban
(translator)]; PILATOVSKIY, V.P., doktor fiz.-mat. nauk,
red.; LATUKHINA, Ye.I., ved. red.; POLOSINA, A.S., tekhn.
red.

[Underground hydraulics]Podzemnaia gidravlika. Moskva, Gos-
toptekhnizdat. Vol.2. 1962. 490 p. Translated from the Rumanian.
(Oil reservoir engineering) (MIRA 15:11)

~~KRISTEA, N. [Cristea, N.]; VLADISLAVLEY, A.S. [translator]; YEVDOKIMOVA,~~
V.A., kand. tekhn. nauk, red.; SAVINA, Z.A., ved. red.; VORONOVA,
V.V., tekhn. red.

[Underground hydraulics] Podzemnaia gidravlika. Pod red. V.A.
Evdokimovoi. Moskva, Gostoptekhizdat, Vol.1. 1961. 342 p.
Translated from the Rumanian. (MIRA 16:3)
(Oil fields--Fluid dynamics)

PINTEA, V.; VINTILA, I., ing.; CRISTEA, N.

Electrophoretic modifications in the blood serum of fattened geese.
Studii agr Timisoara 8 no.1/2:31-42 '61.

1. Laboratorul de biologie animala, Baza Academiei R.P.R. Timisoara, Catedra de fiziologie animala, Institutul agronomic Timisoara.
2. Membru al Comitetului de redactie si secretar stiintific, "Studii si cercetari, Biologie si stiinte agricole" (Timisoara)(for Vintila).

(Geese) (Blood serum) (Cataphoresis)

CRISTEA, N.

Corrections of mercury barometers depending on the elements
of their constructions. Meteorologia hidrol. gosp. 8 no.2:
100-104 '63

CRISTEA, Nicolae, ing. (Craiova)

Correlation of parameters and motor construction with generators in the framework of the unitary series of synchronous machines with powers of 200-1000 kva. Electrotehnica 12 no.8:283-286 Ag '64.

1. Chief Designer, Technical Office for Rotary Machines, "Electroputere" Plant, Craiova.

CRISTEA, P.

CIORANU, I.
Surname, Given Name

Country: Rumania

Academic Degrees: [not given]

Affiliation: [not given]

Source: Timisoara, Timisara Medicina, No 2, Jul-Dec 60, pp 51-54.

Date: "Considerations on the Evolution and Prognosis of Pseudo-malformative Cholestatic Icterus in Infants."

Co-authors:
- CRISTEA, P. [Degrees and affiliations not given]
- BONTILA, P.

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24.7100

39859

S/070/62/007/004/004/016
E132/E435

AUTHORS: Oancea, Candida Georgiță, Teodorescu, Ion,
Cristea, Paul

TITLE: A study of the structures of thin layers of tellurium

PERIODICAL: Kristallografiya, v.7, no.4, 1962, 560-562 + 1 plate

TEXT: Layers of Te, 200 to 20000 Å thick, were prepared by vacuum evaporation and were studied by electron diffraction. The structures appeared to be crystalline or amorphous depending only on the speed of evaporation, even if the conditions of vacuum, temperature and nature of substrate, etc were otherwise identical. Slow evaporation gave the crystallized layer and fast evaporation gave a heterogeneous layer, the exact structure of which depended on vacuum. It is suggested that the stability of the amorphous state is due to the presence of definite complex groups of Te atoms or of Te atoms attached to molecules of the residual gases. An electron microscope was used for examining the layers microscopically and by diffraction. A partial proof of the above hypothesis of association was provided by an experimental arrangement where Te was evaporated from two crucibles so that

Card 1/2

A study of the structures ...

S/070/62/007/004/004/016
E132/E435

the molecular beams intersected. There are 2 figures.

ASSOCIATION: Rumyniya, Bukharest, Politekhnicheškiy institut
(Polytechnical Institute, Bucharest, Rumania)

f

SUBMITTED: June 27, 1961.

Card 2/2

CRISTEA, P.

CRISTEA, P. Preignition , autoignition, and postignition. p. 181.

Vol. 3, no. 5, May 1956
REVISTA TRANSPORTURILOR
TECHNOLOGY
Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

CRISTEA, P.

Misfire in exhaust pipes of internal-combustion engines.

P. 12 (Revista Transporturilor. Vol. 3, no. 1, Jan. 1956, Bucaresti, Rumania)

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

Crîstea, P.

CRISTEA, P.

CRISTEA, P. Economic exploitation of automobiles. p. 15.

Vol. 4, no. 1, Jan. 1957.

REVISTA TRANSPORTURILOR.

TECHNOLOGY

RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

CRISTEA, P.

Why not diesel engines for automobile traction?

P. 528 (REVISTA TRANSPORTURILOR) (Bucuresti, Rumania) Vol. 4, no. 12, Dec. 1957

SO: Monthly Index of East European Accessions (MEAI) LC Vol. 7, No. 5. 1958

CRISTEA, P.
TECHNOLOGY

PERIODICAL: REVISTA TRANSPORTURILOR, Vol. 5, no. 12, Dec. 1958

CRISTEA, P. Present and future automobile motors. p. 547

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

CRISTEA, P.

The differential mechanism. p. 112.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romina si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

CRISTEA, P., ing.; DUMBRAVA, Doina, ing. proiectant; LEIB, L., ing.
proiectant; SIPS, I., ing. proiectant

Transistorized analog digital tension converter for automatic
digital systems. Automatica electronica 7 no.3:122-127 My-Je '63.

1. Asistent la Institutul Politehnic Bucuresti (for Cristea).
2. IPAEIA (for Dumbraava, Leib, Sips).

PREDA, Marinus; CRISTEA, Paul

Calculus of complex networks based on the generalization of some theorems of the electric network theory for the active multipole assemblies. Bul Inst Politeh 26 no.4:85-113 J1-Ag '64.

1. Chair of Electrical Engineering II, Polytechnic Institute Bucharest.

BOLGIU, O.; PROTOPOPESCU, A.; CRISTEA, S.

Sintering of copper and copper-aluminum powders as compared to the thermal evolution of copper. Studii cerc metalurgie 7 no.4:414-440 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de metalurgie" (for Folgiu).

SOLOMON, I., ing.; MARINCU, M., ing.; APOSTOLEANU, Vasilica, ing.; CRISTEA, S.
NIETZ, K.; GEIB, A.; BARDUT, I.; REIMER, H., ing.; MIHAILESCU, M., ing.

Improving the finishing technological processes of woolen
fabrics, Pt.1. Ind text Rum 1? no.5:199-205 My*61

1. Institutul de cercetari textile (for Solomon). 2. Industria
Lini, Timisoara (for Marincu). 3. Dorobantul, Ploiesti (for
Apostoleanu, Cristea). 4. Postavaria Romina, Bucuresti (for
Nietz) 5. Fabrica de postav, Bihusi (for Geib). 6. Libertatea,
Sibiu (for Bardut). 7. Partizanii Rosu, Brasov (for Reimer,
Mihailescu).

CRISTEA, V., ing.; CRISTEA, S., ing.

Apparatus with radioactive isotopes usable in the cellulose
and paper industry. Cel hirtie 11 no. 5:190-201 My'62.

COUNTRY : Rumania H-28
CATEGORY :
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 5, 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° Ternar to 11.2, 7.5, and 9.3°, respectively; the NH₃ content changed from 0.004 to

CARD: 1/2 382

COUNTRY:	: Rumania	H-28
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	19968
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: 0.011, 0.002, and 0.009 gm %, respectively. The difference in quality between EM stored at -10, -12, -16, and -18° is insignificant. The following conditions are recommended for the production and storage of EM: freezing temperature -12, -25°; storage temperature -12°, addition of 1% NaCl or 10% sugar to the EM or 5% NaCl or 15% sugar to the yolks. A flow sheet for an installation for the preparation and freezing of EM is given. A. Marin	
CARD:	2/2	

CRISTEA, S.

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: Regional Veterinary Laboratory (Laboratorul Veterinar Regional), Iasi.

Source: Bucharest, Probleme Zootehnice si Veterinare, Vol XI, No 10, Oct 1961, pp58-62.

Data: "Observations on Certain Foci of Anaerobe Enterotoxemia in Sheep."

Authors:

SIRMON, E., -Dr.-
MINASCURTA, S., -Dr.-
BADEA, A., -Veterinarian.-
CRISTEA, S., -Veterinarian.-

CRISTEA, S.

BOLEGIU, G.

RUMANIA

Bucharest, Studia si Comunicari de Metalurgie, No 4, 1961,
pp 415-416.

"Sintering of Copper and Copper-Aluminum Powders in Comparison
with the Thermal Evolution of the Copper."

Co-authors:

PROTOPESCU, A.

CRISTEA, S.

L 41119-56	ESP(1)	NIP(c)	JD/WH
ACC NR: AP6030203	SOURCE CODE: RU/0017/65/000/007/0366/0370		
AUTHOR: <u>Cristea, S. (Chemist); Nicolae, A. (Chemist)</u> 29			
ORG: <u>Metallurgical Research Institute (Institutul de cercetari metalurgice)</u> 3			
TITLE: <u>Researches concerning the utilization of tanning acid for the anti-corrosion protection of steel during ship construction</u> 6			
SOURCE: Metalurgia, no. 7, 1965, 366-370			
TOPIC TAGS: corrosion protection, metal sheet, carbon steel			
ABSTRACT: The authors tested tannin as an agent for the protection of carbon steel sheet during ship manufacturing. They found it effective in reducing metal losses and improving the performance of the protecting layers. Associate Engineer <u>Y. Jigie</u> participated in this work. Orig. art. has: 4 figures and 4 tables. [JPRS]			
SUB CODE: 11, 13 / SUBM DATE: none / OTH REF: 007			
Card 1/1 11b		UDC: 669.14.018.293.620.197.3	

CIOBANU, A., ing.; BERCESCU, V., ing.; CRISTEA, Silvia, chim.

Research on the industrial production of ice cream in Rumania.
Ind alim anim 11 no.1:11-15 Ja'63.

1. Institutul de cercetari alimentare.

CIOBANU, A., ing.; HERCESCU, V., ing.; CRISTEA, Silvia, chim.

Research on the industrial production of ice cream in Rumania.
Pt.2. Ind alim anim 11 no.4:97-102 Ap'65.

1. Institutul de cercetari alimentare.

CRISTEA, T.

A good experience in guidance work, support, and control. Munca
sindic 6 no.11:39-43 N '62.

RUMANIA/Chemical Technology - Chemical Products and Their Applications - Oils and Fats, Waxes. Soaps. Detergents. Flotation Agents. H.

Abs Jour : Ref Zhur' - Khimiya, No 11, 1958, 37640

Author : Cristea, V.

Inst :

Title : Operation of Roasters.

Orig Pub : Rev. Ind. odiment. prod. vegetale, 1956, No 7, 9-11,
No 8, 7-10

Abstract : An outline of A.M. Goldovskii theory about the role of water in roasting is presented. Attention is given to the optimum roasting conditions prior to pressing. Minimum conditions necessary for a normal operation of roasting process as well as design parameters of roasters and mixers are indicated. Heat balance and heating surface calculations for a two compartment roaster, processing 1300 kg/hr of pulp, are presented.

Card 1/2

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10

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Oils and Fats, Waxes, Soaps,
Detergents. Flotation Agents.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37640

In 5-6 compartment roasters, it is necessary to work at the optimum humidity and to heat the pulp rapidly to 60-70°C in the first compartment, increasing the temperature stepwise and drying it in the remaining compartments.

Card 2/2

L 31732-66

ACC NR: AP6021166

SOURCE CODE: RU/0007/65/016/03-/0147/0157

AUTHOR: Cristea, V. (Engineer)

27
B

ORG: none

TITLE: Drive systems of drilling rigs considered from the viewpoint of the hoisting operations of drilling strings

SOURCE: Petrol si gaze, v. 16, no. 3-4, 1965, 147-157

TOPIC TAGS: well drilling machinery, hoisting equipment, petroleum industry equipment, dynamic stress, connecting cable, mechanical power transmission device

ABSTRACT: The author analyzes the advantages and disadvantages of various drive systems, starting from the ideal working curves for drilling string hoisting operations. Among the points considered are the influence of the drive system on the degree of power utilization, on the time required for the mechanical hoisting, on the dynamic stresses occurring during cable lifting, and on working conditions in general. Orig. art. has: 23 figures, 13 formulas and 3 tables. [Based on author's Eng. abstract] [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 006
SOV REF: 003

Card 1/1

V. CRISTEA

RUMANIA / Chemical Technology, Chemical Products and Their
Application, Part 4 - Cellulose and Its Derivatives,
Paper.

H-22

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13203.

Author : I. Visoiu, V. Cristea.

Inst : Not given.

Title : Changes in Chipping Technology and Chip Classification at
"N. Balcescu" Cellulose and Paper Factory.

Orig Pub : Celuloza si Hirtie, 1957, 6, No 6, 199 - 202.

Abstract : No abstract.

Card 1/1

CRISTEA, V.

Heat consumption for sulfite cellulose boiling in the N. Balcescu Cellulose and Paper Plant.

P. 354 (CELMLOZA SI HIRTIE) (Bucuresti, Rumania) Vol. 7, No. 10, Oct. 1957

30: Monthly Index of East European Accessions (EEAI) IC Vol. 7, No. 5. 1958

CRISTEA, V.

Factors to take into consideration when setting sulfite-cellulose digesters into masonry. p. 14.

CELULOZA SI HIRTIE. (Asociatia Stintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului si Chimie). Bucuresti, Rumania. Vol. 8, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7
July, 1959.

Uncl.

CRISTEA, V., ing., laureat al Premiului de Stat

Durability calculation of the drum shaft of the drilling winch and other shafts of the drilling assemblies and equipment, taking into consideration the work connected with the extraction and introduction of the drilling set. Petrol si gaze 12 no.3:127-137 Mr '61.

L. Institutul Tehnologie pentru Constructii de Masini si Electrtehnica.

BOLD, I., ing.; TEODORESCU, N.; CRISTEA, V., ing.; DABROWSKI, R., ing.

Some aspects of the organization of the labor of the brigade
of the territorial management organization. Rev geodezie 7
no.2:46-55 '63.

1. I.S.P.O.T.A. (for Bold, Teodorescu). 2. O.R.P.O.T., Cltenia
(for Cristea). 3. So. Fd. Funciar R. Craiova (for Dabrowski).

B/058/63/000/003/074/104
A059/A101

AUTHORS: Ursu, I., Puskás, F., Crislea, V.

TITLE: Semiconductor properties of the ZnO - Al₂O₃ system

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 71 - 72, abstract 3E498
("Rev. phys. Acad. RPR", 1962, v. 7, no. 2, 277 - 286, English)

TEXT: The electric conductivity of a pelletized ZnO-Al₂O₃ mixture was examined. The relative concentrations of the components were varied between 0 and 100%. The pellets were first annealed for 6 to 8 hours at 1,200°C and subsequently for 12 hours at 900°C. It has been established that the activation energy of the electric conductivity and the temperature coefficient of resistance depend on the ratio of the components and reach a maximum for the mixture 1 : 1. This composition to which corresponds the compound ZnAlO₄ with a spinel-type structure is recommended as a thermistor for use at high temperatures. There are 27 references.

E. Yenikev

[Abstracter's note: Complete translation]

Card 1/1

CRISTEA, V., ing.; CRISTEA, S., ing.

Apparatus with radioactive isotopes usable in the cellulose
and paper industry. Cel hirtle 11 no. 5:190-201 My'62.

ABRAMOVICI, R.; CRISTEA, V.; VELICA, P.

Structural tensions in calcic porcelains. Studii chim Timisoara
8 no.3/4:281-288 J1-D '61.

URSU, I.; PUSKAS, F.; CRISTEA, V.

Semiconductor properties of the ZnO-Al₂O₃ system. Studia.
Univ B-B S. Math-Phys 7 no.1:127-135 '62.

LITIU, V.; ABRAMOVICI, R.; CRISTEA, V.; GICOARE, L.; PASCU, E.

Study of Obreja quartzite in view of its utilization for
silica refractory manufacturing. Bul St si Tehn Tim 9 no.2:
355-359 J1-D '64.

CRISTEA, V., Ing.

Considerations on the introduction of pyrite burning furnaces
with fluidized bed at the Pulp and Paper Plant, Zarnesti.
Cel hirtie 13 no. 1:26-33 Ja '64.

CRISTEA, Victoria

Considerations on the systems of material points, from the standpoint
of Newtonian mechanics. Studii cerc mat 14 no.1:99-114 '63.

CRISTEA, Victoria; CRISTEA, Ien I.

Changing integration variables in a surface integral. Gaz mat
fiz 69 no.10:372-379 0 '64.

CRISTEA, Viorel, ing., laureat al Premiului de Stat

Air tube clutches. Metalurgia constr mas 14 no.12:1099-1106
P¹62.

CRESTEA V., ing., laureat al Premiului de Stat

Pneumatic disc couplings. Constr mas 16 no. 5:269-271 My'64

CRISTEA, Viorel, laureat al Premiului de Stat

Determining the correct distance between axles in roller
chain drives. Constr mas 16 no.10:542-544 O '64.

CRISTEA, V., ing.

Concentration and drying of the fodder yeasts obtained from residual bisulfitic solutions at the Cellulose and Paper Plant, Zarnesti. Cel hirtie 13 no.7:245-248 J1'64

CRISTEA-GEORGHE, G.

CA

7

Rapid method for the separation of copper from cadmium and their gravimetric determination. G. Spacu and Constanta Cristea-Georghe (Univ. Bucharest, Rumania). Acad. Rep. Populare Romane, Bul. Stiint., Ser.: Mat., Fiz., (Chim. 2, 487-93(1950)(French summary).—Treat the aq. soln. contg. Cu and Cd with a slight excess of H_2SO_4 and NH_4SCN . The first greenish ppt. of $CuSCN$ turns white. Filter through a filter crucible A. Wash the ppt. with H_2O , HCl , and finally with abs. $EtOH$, dry for 10 min. in vacuo and weigh. Boil the filtrate until all SO_4 is removed and the soln. is only slightly acidic. Cool the 50-100 ml. of soln. contg. only Cd and treat with 0.5-1 g. NH_4SCN and add pyridine dropwise until a ppt. forms. Heat until the ppt. dissolves and add one more ml. of pyridine. Stir, cool, and filter through a filter crucible A, and wash the ppt. with a soln. contg. 3 g. NH_4SCN + 5 ml. pyridine in 100 ml. H_2O , then 4-5 times with 1 ml. of a soln. (contg. 25 ml. 10% HCl , 75 ml. H_2O , 2 ml. pyridine, 0.1 g. NH_4SCN), and then twice with 1 ml. of a 10% soln. of pyridine in abs. HCl ; (the ppt., $CdPy(SCN)_2$, is slightly sol. in abs. $EtOH$) and finally with a soln. contg. 2 drops of pyridine in 10 ml. abs. ether. Dry and weigh. Gerhard Aufberger

CRISTEA, GHEORGHE, C.

CA

Rapid method for separating and determining copper and zinc. G. Spacu and Constanta Cristea-Gheorghiu (Univ. Bucharest, Romania). Acad. Rep. Populare Romane, Bul. Stiint. Ser.: Mat., Fiz., Chim. 2, 331-8 (1951) (French sum- mary). Treat the aq. soln. contg. Cu and Zn with a slight excess of H_2SO_4 and NH_4SCN , adding the latter dropwise under continuous stirring. Filter off the white ppt. of $CuSCN$, wash with H_2O , KOH , and finally with abs. Et_2O . Dry for 10 min. in a vacuum desiccator and weigh. Dissolve the filtrate until all SO_4 is removed, cool, and treat with 0.5-1 g. NH_4SCN and then with enough pyridine to neutralize it and leave 1 ml. in excess. The $[ZnPy_2SCN_2]$ the ppt. is finely cryst. Filter after 15 min., wash with a soln. contg. 3 g. NH_4SCN + 5 ml. pyridine in 100 ml. H_2O + with a soln. contg. 13 ml. 0.5% KOH + 85.5 ml. H_2O + 1.5 ml. pyridine + 0.1 g. NH_4SCN , then with 1-2 ml. abs. KOH (contg. 10% pyridine) and finally 5-6 times with ether (contg. 2 drops of pyridine in 15 ml. Et_2O). Dry the ppt. for 15 min. in a vacuum desiccator at room temp. and weigh. G. A.

RUMANIA / Zooparasitology. Mites and Insects - G-4
Carriers of Disease Agents

Abs Jour: Ref Zhur-Piol., No 20, 1958, 91072

Author : Lupascu, Gh., Duport, M., Cristescu, A.,
Manoiu, C., Raicu, V.

Inst : Not given

Title : Phlebotomus Perfiliewi in Rumania: Its Ecology
and Phenology.

Orig Pub: Studii si cercetari inframicrobiol., microbiol.
si parazitol., 1957, 8, No 1, 121-130 (Rumanian;
res. Russ., Fr.)

Abstract: Craiova is one of the regions where Phlebotomus
papatasi is widespread. It was here in rodent
burrows and in bird nests that Phl. perfiliewi
was first discovered. This species was also
found in three houses, in two of which cases

Card 1/2

RUMANIA / Zooparasitology. Mites and Insects - G-4
Carriers of Disease Agents

Abs Jour: Ref Zhur-Biol., No 20, 1958, 91072

Abstract: of viscerous leishmaniasis had developed.
Papatasii was not observed in natural biotopes.
-- From the Author's resume.

Card 2/2

LUPASCO, Gh.; DUPORE, Maria; SANDULESCO, Maria; CRISTESCU, Aurelia;
COMBIESCO, Ileana; SANDESCO, Ionella;

Sensitivity of adult Anopheles in Rumania to insecticides with residual effect. Arch. Roum. path. exp. microbiol. 20 no.3:441-460 S '61.

1. Travail effectuée dans l'Institut "Dr. I. Cantacuzino", sous la direction du Prof. M. Ciuca, faisant partie du programme des recherches coordonnées par l'OMS.

(ANOPHELES pharmacology) (INSECTICIDES pharmacology)

CRISTESCU, A.

TECHNOLOGY

Periodicals: INDUSTRIA LEMNULUI. Vol. 7, no. 10, Oct. 1958

CRISTESCU, A. Aspects of the activities within the Enterprise for Finished Wood Products relative to the planning and designing of furniture p. 385

Monthly List of East European Accessions (EEA) IC, Vol. 8, No. 2,
February 1959, Unclass.

ARDELEAN, I., prof., Corresponding Member of the R.P.R. Academy; CRISTESCU,
Aurelia

Investigations on the resistance of Anopheles to residual insecticides.
Rumanian M Rev. no.4:91-93 O-D '60.
(ANOPHELES pharmacology) (DDT pharmacology)

CRISTESCU, Aurel

How does the furniture industry in the Rumanian People's Republic
develop? Faiper 13 no.2:53-56 F '63.

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

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16485

Author : Polovrageanu, I.; Cristescu, C.
Inst : Not given
Title : Synthesis of N-Acetyl-dl-Methionine

Orig Pub : Rev. chim., 1957, 8, No 5, 379

Abstract : In order to increase the solubility of synthetic methionine it is subjected to acetylation in the presence of glacial acetic acid. The reaction yields N-acetyl-methionine, with a 110-113° melting point (from ethyl acetate). The product is soluble in acetone, ethyl acetate, and ether. It gives an acidic reaction. The solubility in water of the synthetic methionine is increased up to 15%. -- E. Natkhan

Card 1/1

H-49

S/075/60/015/004/027/030/XX
B020/B064

AUTHORS: Bayulescu, G., Lazar, C., and Cristescu, C.

TITLE: The Problem of Organic Reagents for Osmium ✓

PERIODICAL: Zhurnal analiticheskoy khimii, 1960, Vol. 15, No. 4,
pp. 505 - 506

TEXT: I. Chugayev (Ref. 1) showed that a red color appears when solutions containing osmium in the form of OsO_4 or chlorosmate are heated in the presence of thiourea and some drops of HCl, due to the formation of the compound $[Os(H_2N-CS-NH_2)_6]Cl_3 \cdot H_2O$. Z. Bardoděj (Ref. 5) regards $>CS$ as the functional-analytical group for Os and Ru. He found that OsO_4 , together with $(H_2N)_2CS$, $CS(NHC_6H_5)_2$, and $H_2NCSNHNH_2$, gives a red color, and with $H_2NCSNHC_6H_5$, $CS(NHCH_3)_2$, $SC[N(CH_3)_2]_2$, NH_4SCN , and $NaCSN(C_2H_5)_2$ a violet color. The authors aimed at studying the reactions of osmium with two substituted thiourea

Card 1/3

The Problem of Organic Reagents for
Osmium

S/075/60/015/004/027/030/XX
B020/B064

derivatives: 4-acetyl amino benzaldehyde thiosemicarbazone (I) and 4-nitrobenzaldehyde semicarbazone (II). Compound I is used for the treatment of tuberculosis, under the name "Tebexon" or TB₁. Reagent I is used as a 0.1% solution in 1% NaOH, and reagent II, as a 0.05% solution in 1% NaOH. Both solutions are used when still fresh. Under the above-described conditions, osmium, together with reagent I, forms a brown precipitate which dissolves after the addition of ethyl alcohol to a yellow-brown solution whose color depends on the osmium concentration. A red-brown solution results from reagent II after the addition of ethyl alcohol. A perpendicular Pulfrich photometer was used to determine osmium. The maximum optical density was obtained in both cases with the filter M₄₃ (4360 Å). The results are given in a table and in Figs. 1 and 2. When using reagent I it is possible to determine 1.2 - 14.7 γ Os/ml. and with reagent II, 0.49 - 8.60 γ Os/ml. Both reagents are more sensitive than thiourea which permits the determination of 8 - 40 γ Os/ml. The increase in sensitivity may be explained by the presence of the nitro group causing an increase of the polarity of groups in the para position. There are 2 figures, 1 table, and

Card 2/3

The Problem of Organic Reagents for
Osmium

S/075/60/015/004/027/030/XX
E020/B064

6 references: 1 French, 2 US, 1 Austrian, 1 Czech, and 1 German.

ASSOCIATION: Universitet im. K. I. Parhona, Bukharest (Rumyniya)
(C. I. Parhon University, Bucharest (Rumania))

SUBMITTED: November 25, 1959

Card 3/3

3(1)

RUM/2-11-9-36/42

AUTHOR: Cristescu, Cornelia, Candidate of Physical-Mathematical Sciences, Chief Researcher

TITLE: Let Us Get to Know the Moon

PERIODICAL: Stiință și Tehnică, Seria a II-a, Vol 11, Nr 9, Supplement, p 1, col 1-3, p 2, col 1 (RUM)

ABSTRACT: This article contains a brief description of the moon, its physical properties and its surface. The Soviet astronomers V.G. Fesekov and I.N. Lipskiy have discovered the existence of a very rarefied gas cloud on the surface of the moon. The first Soviet rocket which reached the moon on 14 September 1959 was completely disinfected to avoid infecting the surface of the moon by terrestrial microorganisms. There is 1 figure.

ASSOCIATION: Observatorul astronomic (Astronomical Observatory) ✓

Card 1/1

CRISTESCU, Cornelia; IONESCU, Victor; VLAICU, Stefania; NOGACEVSKI-RUSU, L.;
PCPOVICI, Gigel

Precise positions of minor planets. Studii astron seismol 4 no.2:
321-361 '59. (EEAI 9:9)
(Planets)

CRISTESCU, Cornelia

Elements of the total solar eclipse of February 15, 1961, for
Rumania. Studii astron seismol 4 no.2:323-329 '59. (EEAI 9:9)
(Rumania--Eclipses, Solar)

37452

3.1200
3.1410

S/035/62/000/004/006/056
A001/A101

AUTHOR: Cristescu, C.

TITLE: The use of a CIFA-1 electronic computer in photographic astrometry

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 4, 1962, 17,
abstract 4A156 ("Probl. automat.", 1960, no. 2, 71 - 72, Rumanian)

TEXT: The observations of asteroids carried out at Bucharest according to
the plan of "Catalog of faint stars" were processed on a Rumanian electronic
computer of the CIFA-1 type. Processing was performed by formulae of six con-
stants using coordinates of reference stars from the Yale catalogs. X

D. P.

[Abstracter's note: Complete translation]

Card 1/1

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

Exact positions of minor planets. Studii astron seismol 5 no.1:
131-192 '60. (ERAI 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.
(Planets) (IKAI 10:3)

R/002/60/000/011/006/006
A125/A026

AUTHOR: Cristescu, Cornelia, Candidate of Physical and Mathematical Sciences

TITLE: Astronomy and Religion

PERIODICAL: Stiință și Tehnică, 1960, No. 11, pp. 42 - 43

TEXT: Subject article presents the controversy between astronomy and religion with the purpose of proving the superiority of astronomy. Reference is made to the laws of Copernicus, Giordano Bruno and the Hindu astronomer Megh Nad-Sakha. According to the dialectic materialism, the world is material and infinite, being in continuous motion and transformation. The Soviet astronomer A.N. Deich observing the Nr. 61 star of the Swan constellation, established by mathematical calculations the presence of an invisible satellite of this star. The planets of various solar systems consist of the same material as the earth, a fact which has been proved by spectral analyses and material analyses of meteorites. The Soviet astronomer O.I. Shmidt is trying to explain the formation of the solar system. Soviet astronomers G.A. Shain, V. Ambartsumian and E.E. Markaryan achieved important results in investigation of formation of stars. Ambartsumian states that in the galaxy the stars appear in groups. Each of these groups was formed from a material named "protostar" ✓

Card 1/2

Astronomy and Religion

R/002/60/000/011/006/006
A125/A026

The author then attacks the hypothesis of the "Displacement Towards the Red" by Eddington and other astronomers, and finally emphasizes the Soviet success in the launching of satellites. There are 3 photographs.

Card 2/2

CRISTESCU, Cornelia

Observation of the partial solar eclipse of October 2, 1959. Studii
astron seismol 5 no.2:229-232 '61. (EBAI 10:9)

(Eclipses, Solar)

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

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

(Planets)

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

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

(Planets)

CRISTESCU, Cornelia

"An introduction to celestial mechanics" by Theodore E. Sterne.
Reviewed by Cornelia Cristescu. Rev math pures 6 no.4:813-814
61.

CRISTESCU, G.; PANAITESCU, Th.

Substances with possible cytostatic action. Note IV.
Derivatives of the series 3,5-dihydroxy-1,2,4-triazine.
Rev chimie Min petr 13 no.2:114 F '62.

CRISTESCU, C.; PANAITESCU, Gh.

Substances with eventual cytostatic action. Rev chimie Min
petr 13 no.3:172 Mr '62.

CRISTESCU, C.; PANAITESCU, T.

Substances with probable cytostatic action. Note III. Rev
chimie Min petr 12 no.11:675 N '61.

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

Precise positions of small planets observed in 1959. Studii astron
se: smol 8 no.1: 56-84 '63.

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

Precise positions of small planets observed in 1960. Studii astron
seismol 8 no.1:86-119 '63.

CRISTESCU, Cornelia, candidat in stiinta fizico-matematice

The year of the calm sun. Gaz mat B 14 no.2:91-93 F '63.

CRISTESCU, Cornelia

"Fundamental astronomy. Determination of the star coordinates" by
V.V. Podobed. Reviewed by Cornelia Cristescu. Studii astron seismol
8 no.1:135 '63.

CRISTESCU, Cornelia

"Physics of solar chromosphere" by Richard N. Thomas,
R. Grant Athay. Reviewed by Cornelia Cristescu.
Rev math pures 8 no. 3:515-516. '63

CRISTESCU, Cornelia, candidat in stiinta fizico-matematica.

What we know about Mars. St si Teh Buc 15 no.6:44-45 Je '63.

CRISTESCU, Cornelia, candidat in stiinte fizico-matematice

What we know and what we don't know about Venus. St si Teh
Buc 15 r.o.9:45-47 S '63

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

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Precise positions of comets observed in 1962 and 1963.
Studii astron 9 no. 1:93-95 '64.