

CRISTESCU, Cornelia; VLAICU, Stefania

Precise positions of small planets observed during 1961.
Studia astron 9 no. 1:121-145 '64.

CRISTESCU, Correlia; GHETU, Ioana; VLAICU, Stefania

Precise positions of small planets observed during the years 1959-1961. Studii astron seismol 9 no.2:211-239 '64.

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

I 30139-66 SCTB DD

ACC NR: AP6020327

SOURCE CODE: RU/0012/65/061/001/0031/0036

AUTHOR: Cristescu, C. (Doctor; Lieutenant colonel); Segall, S. (Doctor; Lieutenant colonel) ²⁴ _B

ORG: none

TITLE: Some problems of vestibular physiopathology related to flights in modern planes

SOURCE: Revista sanitara militara, v. 61, no. 1, 1965, 31-36

TOPIC TAGS: military medicine, flight physiology, vestibular function

ABSTRACT: The authors emphasize the importance of further research in the physiopathology of the labyrinthine analyzer and its operating mechanism, and suggest the concept of a central pathogenesis of the syndrome of vestibular-vegetative hyperexcitability affecting flight personnel. The curative-prophylactic measures suggested are a rational flight program, slowly progressive vestibular demands, relaxation cures and neurotropic medication, as well as inclusion of tests of the vestibular apparatus in the medical entrance examination for flight personnel. Two case histories are included. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 005
SOV REF: 001

Card 1/1 *TM*

PRODESCU, V., conf.; BOGDAN, I. conf.; DEMAYO, A., dr.; CRISTESCU, C., int.

Hemophilia A stimulating acute abdomen. Med. intern. (Bucur.)
10 no, 5:617-620 My '64

1. Lucrare efectuata in Clinica de chirurgie a Spitalului
"Brinsovenesc", I.M.F. [Institutul medico-farmaceutic],
Bucuresti.

VELEA, I.; DRUMUS, I.; MATASA, CI; CRISTESCU, C.

A comparison between the main methods of obtaining caprolactam.
Rev chimie Min petr 14 no.10:581-595 0'63.

RUMANIA

DUMINICA, Al, MD; CHRISTESCU, Cornelia, Pharmacist.

"Colentina" Clinic No II for Contagious Diseases (Clinica a
II-a de boli contagioase "Colentina") Director: Professor
M. Bals;-(for Duminica)

Bucharest, Via Medicala, No 23, 1 Dec 63, pp 1593-1602

"The Endotoxin Shock. (Physiopathological Data)."

CRISTESCU, Cornelia

"The abundance of th. elements" by Lawrence H. Aller.
Reviewed by Cornelia Cristescu. Rev math pures 7 no. 4:
726-729 '62.

ROTHMAN, A., ing. proiectant; CRISTESCU, D., ing.

Method for direct calculation of nonsymmetrical defects.
Energetica Rum 12 no. 1: 39-44 Ja '64.

1. Asistent la Institutul politehnic, Bucuresti (for Cristescu).

DINCULESCU, C.; ARIE, A.; BUHUS, P.; CRISTESCU, D.

The laboratory of power plants, stations and electric systems
of the Polytechnic Institute of Bucharest. Bul Inst Polyteh 25
no.3:33-51 My-Je '63.

1. Catedra de Centrale Electrice, Institutul Politehnic Bucuresti.

CRISTESCU, Dan, arh.

Architecture and the demands of industrialization. Constr Buc 16 no.744:
3 11 April '64.

CRISTESCU, E.; TICE, G.; OLARU, I.; SZILAGYI, D.; BRAGA, V.; HOARA, M.;
KAZAREL, S.

Our experience with the pneumatic extractor applied in 150 cases.
Rumanian M Rev. no.2:76-80 Ap-Je '60.
(DELIVERY)

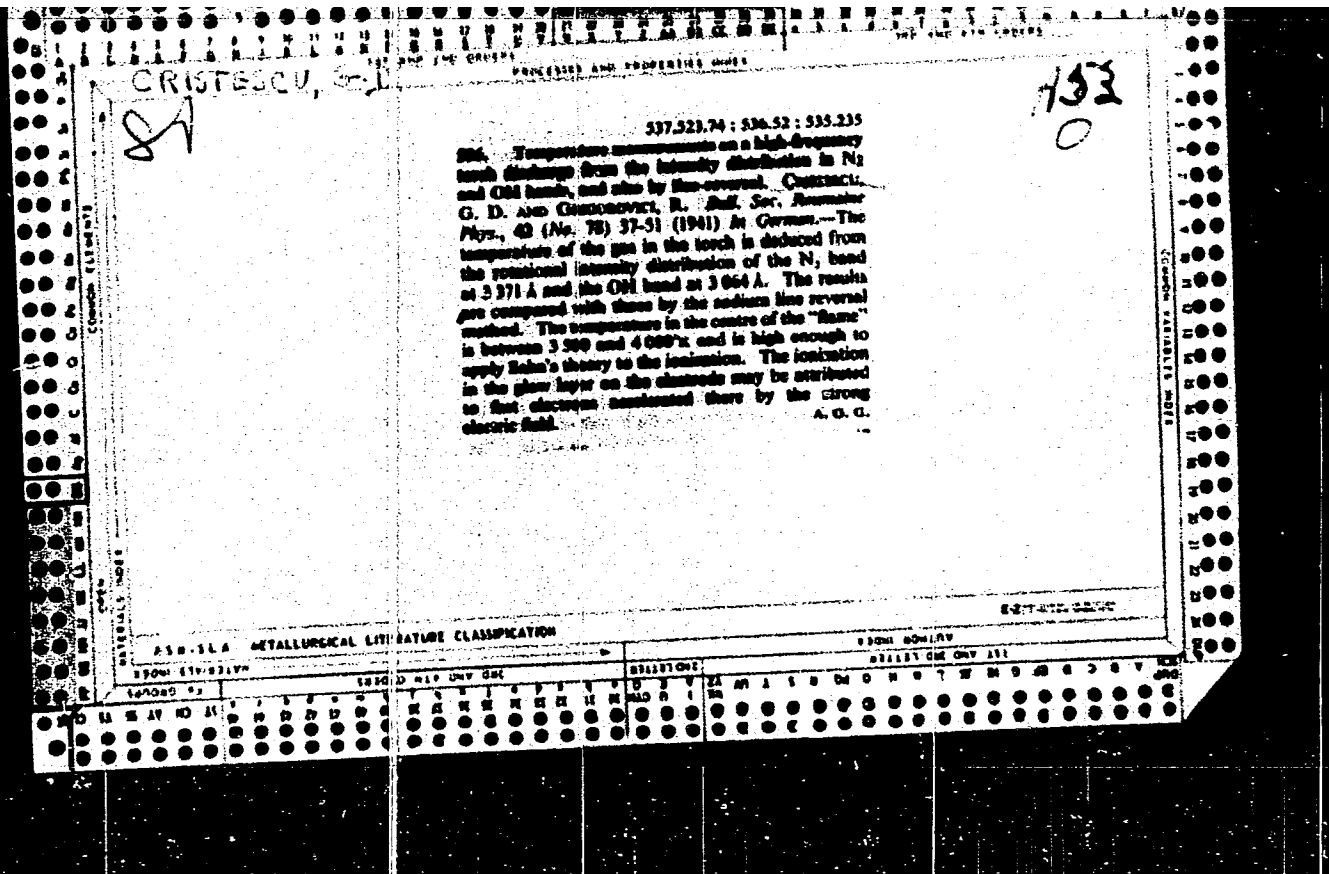
FURNICA, M.; SPIRIDON, M.; COSTACHEL, O.; VOICULET, N.; POP, I.; CORNECI, I.;
CRISTESCU, E.; CURBAN, C.

Session of the Circle of Medical Chemistry, Biochemical Institute of
the Rumanian Academy, and the Bucharest Branch of the Society of Medical
Sciences; April 3, 1962. Studii cerc biochimie 5 no.3:476-477 '62.

1. Institutul oncologic, Bucuresti (for Furnica, Spiridon, Costachel,
Voiculet, Pop, and Corneci). 2. Catedra de biochimie I.M.F. (for
Cristea and Curban).

CRISTESCU, Gheroghe, prof. (Bucuresti)

Itinerary of an excursion. Natura Geografie 14 no.1:61-67
Ja-F '62.



ERISTESCU, G. P. PROCESSING AND PROPERTIES INDEX

SA 360

2222. Measurements concerned for the automatic steering of mobile objects towards sound sources. *Comptes Rendus Acad. Sci. Roumaine Phys. et Math.* 3-4 (1966) in French. The outputs from two directional microphones at the front of the mobile object are separately amplified, rectified and arranged to act in opposition on a relay whose contacts control the steering mechanism of the object. A detailed description of a suitable type of relay is given. G. P. R.

ASD-51A METALLURGICAL LITERATURE CLASSIFICATION

FROM SCHLITZ 011111 OUT QNV 111

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

CRISTESCU, G.D.

GRIGOROVICH, Radu [Grigorevici, R.]; KRISTESKU, Dzhordzhe [Cristescu, G.]

Theory of the high-frequency torch discharge. Opt. i spektr. 6
no.2:129-131 F '59. (MIRA 12:4)

1. Universitet ineni K.N.Parkhona, Bukharest.
(Electric discharges through gases)

CRISTESCU, George I.

A new form of electric discharge, Studii cer.fiz. 10 no.4:627-632
'59. (BBAI 9:5)

(Electric discharges)

CRISTESCU, G.

Distr: hE3a(w) 2 cys

A new kind of electric discharge obtained by superposition of two different discharges. G. D. Cristescu (Acad.

Romanian Republic, Bucharest, Romania). *Ann. Physik*, 153-5(1960).—By superimposing a d.c. on a high-frequency torch discharge a new kind of discharge is obtained, the properties of which depend not only on the parameters of the torch discharge but also on the superimposed current. This discharge may have possibilities as a spectral source. H. Nitsche

2
BW(OW)
ISF(R)
2

CRISTESCU, G.D.

KRISTESKU, G.D. [Cristescu, G.D.]; DZHURDZHA, M. [Giurgea, M.]

Results of spectrochemical analysis, using a composite
electric discharge as a light source. Opt. i spektr. 11
no.3:424-426 1961. (MIRA 14:9)

1. Universitat im. S.I. Parkhona g. Bukharest.
(Spectrochemistry) (Electric discharge lighting)

CRISTESCU, GEORGHE

16

Bucharest, *Natura* (Seria Geografica-Geologica), Vol XI, No 1, January 62

1. "The Struggle for a Scientific Conception in Rumania" (English Summary); pp 28.
2. "Geophysical Contributions to the Understanding of the Struggle of the Rumanian People's Republic," STEFAN AFANZI, Buzer (Bucharest); English Summary, pp 9-22.
3. "The Agriculture of the Rumanian People's Republic in the Phase of the Completion of Socialist Construction," C. CRISTESCU; pp 23-30.
4. "The Danube Delta," N. CRISTESCU, G. STANESCU, A. POPOVA and P. NEDELCU, Scientific Researches (Geograph. Stiintifici) (Bucharest); English Summary, pp 31-41.
5. "Concerning the Presence of Eozoa in the Ozecula of Bucharest in the Neocenozoic," State Univ. I. HIRIADA (Iasi); English Summary, pp 42-46.
6. "The Geographic Information of the Ring of the City of Timisoara," Ion MARIN STREBA (Timisoara); pp 49-51.
7. "Methods and Procedures Used in the Teaching of Geography in the 'G. I. C. School,'" Prof. P. Z. RUTIU CRISTESCU (Bucharest); pp 52-57.
8. "The Preparation of a Fossil Collection," Ion MARIN STREBA (Timisoara); pp 53-56.
9. "Itinerary for an Excursion," Prof. GEORGE CRISTESCU (Bucharest); pp 61-66.
10. "Latin America. Current Economic and Political Aspects," V. COU (Bucharest); pp 69-73.
11. "The Poles of the Earth," Prof. I. MARIN (Bucharest); pp 74-75.
12. "Western Snow," A. POPOVA (Bucharest); pp 81-82.

CRISTESCU, Gh., prof. (Bucuresti)

Practical applications of the local horizon during excursions.
Natura Geografica 15 no.2:64-66 Mr-Apr '63.

RUMANIA

BARHAD, B., Dr; GRADINA, C., Dr; MIHAILA, I., Dr; DECULESCU, F., Dr;
MARINESCU, V., Ing; CRISTESCU, Iulia, Dr; MICLESCU, S., Dr.

Institute of Hygiene and Protection of Labor in Bucharest, and SMS /Sindicatul Muncitorilor Sanitari; Union of Health Workers/ 23 August Plants (Institutul de igiena si protectia muncii din Bucuresti si SMS Uzinele "23 August") - (for all)

Bucharest, Igiena, No 5, 1963, pp 419-426

"Studies of the Effect of Noise and Vibrations on the Body in Industry"

(7)

RUNCAN, V.; PAPPO, A.; GHISTESCU, Julia; MIRON, C.; VIADESCU, C.

Clinico-statistical data on cases of chronic hepatitis following epidemic hepatitis in a light metallurgical industrial unit. Stud. cercet. med, intern. 5 no.6:627-632 '64.

GIUFU, V., ing.; CRISTESCU, ing.

Modern technological line for manufacturing prestressed reinforced concrete pillars for supporting aerial electric lines. Rev constr. mat constr 15 no. 9:455-464 S'63.

MAN, Marinela, CRISTICU, Laurentia

Rapid determination of mono- and diammoniacal nitrogen in ammonium phosphates. Rev. chimie Min petr 14 no.10:602-603 0'53.

L 30764-56 R0

ACC NR: AP60202;1

SOURCE CODE: RU/0003/65/016/11-/0561/0565

AUTHOR: Benari, S.; Cristescu, Laurentia

ORG: none

TITLE: Mixtures of fertilizers and phytopharmaceutical substances. Superphosphate-aldrin mixture

SOURCE: Revista de chimie, v. 16, no. 11-12, 1965, 561-565

TOPIC TAGS: fertilizer, agriculture science

ABSTRACT: The authors describe and analyze the three practical methods of preparing a mixture of superphosphate with Aldrin that will be safe for agricultural use, namely the mixture of powdered fertilizer with powdered Aldrin; the mixture of granulated fertilizer with granulated Aldrin; and the impregnation of superphosphate granules with an Aldrin solution. Orig. art. has: 3 figures and 3 tables. [JPRS]

SUB CODE: 02 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 004
SOV REF: 001

18
B

Card 1/1

MAN, Marinola; CRISTESCU, Laurentia; POPESCU, Ana; NECIU, Ariadna

Aspects of the obtaining of complex fertilizers based on ammonium phosphates. Rev chimie Min petr 14 no.7:375-380
Jl '63.

IONESCU, E.; CRISCIANESCU, Laurentia

Preparation of concentrated superphosphate from the phosphatic
rock of the Democratic Republic of Vietnam. Rev chimie
Min petr 13 no.2:70-80 F '62.

MAN, M.; NECIU, A.; POPESCU, A.; CRISTESCU, L.

Rapid method for determining the humidity in complex fertilizers.
Rev chimie Min petr 15 no.6:350-351 Jo '64.

ACC NR: AP6033590

SOURCE CODE: RU/0023/65/01.0/004/0349/0354

AUTHOR: ~~Zilisteanu, Eugenia~~—Zilishtyanu, Ye. (Doctor); ~~Cretescu, Ligi~~—
Kretsesku, L. (Doctor); ~~Nafta, I.~~ (Doctor); ~~Niculescu, I.~~—Nikulesku, I. (Doctor);
~~Racovita, C.~~—Rakovitsa, K. (Doctor)

ORG: "Dr. I. Cantacuzino" Institute (Institutul "Dr. I. Cantacuzino")

TITLE: Incidence of antibodies against parainfluenza viruses in Rumania

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 349-354

TOPIC TAGS: antibody, virus disease, blood serum, man, blood chemistry

ABSTRACT: In a study of parainfluenza hemagglutination inhibition antibodies carried out on 500 human serum samples, the authors found that the most widespread type determining the highest antibody level in the population is the type 3. Next are type 1 (Copenhagen and Sendai), and less frequent is type 2 (CA). Ecaterina Ghenescu performed technical work. The authors thank Doctor N. Gaicu and Eugenia Lungu for preparing the tissue cultures. (Orig. art. has: 2 figures and 2 tables. [Based on authors' Eng. abst.] [JPRS: 32,913])

SUB CODE: 06 / SUBM DATE: 02Mar65 / ORIG REF: 001 / OTH REF: 013

Card 1/1

UDC: 576.858 Grippe 097.34

0920 1638

RUMANIA/Diseases of Farm Animals. Diseases Caused by Bacteria
and Fungi.

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12245.

Author : Bugeac T., Cristescu M., Lelutiu C., Moraru E.
Inst : Institute of Pathology of Domestic Animals.
Title : Diagnosis of Brucellosis in Large Horned Cattle
by Means of Allergic Reaction with Brucello-
hydrolyzate.

Orig Pub: Anuarul Inst patol. si igiena anim., 1955, 5,
23-27.

Abstract: Brucellohydrolyzate used jointly with agglutination
reaction (AR) and blood serum reaction (BSR) for allergic
diagnosis of brucellosis in 932 heads of large horned
cattle, proved to be a specific, active allergen, free
of antigenity. The allergic reaction discloses hidden

Card : 1/2

ROMANIA/Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi.

Abs Jour: Re. Zhur-Biol., No 3, 1958, 1:2245.

forms of the disease; in 3.2 percent of the cases positive results were obtained in the presence of negative AR and BSR. In groups of large horned cattle with a brucellosis infection of long standing, the allergic reaction with brucellohydrolyzate disclosed a large number of animals (77 percent). The author's opinion is that, for complete disclosure of sick animals, allergic reaction with brucellohydrolyzate should be applied together with serological methods.

Card : 2/2

CRISTESCU, M.; NECRASOV, O.

Anthropological study of the megalithic skeletons of the stone tomb of Dolhesti Mari. In French. p. 47.

ANALELE STIINTIFICE. SECTIUNEA II: STIINTE NATURALE. Iasi. Rumania.
Vo. 5, no. 1, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1,
January 1960.

Uncl.

COUNTRY : ROMANIA
CATEGORY : Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. R
REF. JOUR. : Zehrid., No.13, 1958, No. 59733
AUTHOR : Bugaeac, T.; Berginschi, C.; Cristescu, M.
INST. : -
TITLE : Study of the Therapeutic Effect of Streptomycin in Experimental Pasteurellosis of Swine
ORIG. PUB. : Probl. zootehn. si veterin., 1957, No 10, 38-44
ABSTRACT : Pigs were infected subcutaneously with 0.5 ml. of a 24-hour broth culture of Pasteurella animalium, isolated from pigs that perished from pasteurellosis septicemia. Of pigs which received streptomycin in a dose of 10, 36 and 40 mg./kg. 30 min. before inoculation, 50% recovered. With the introduction of streptomycin four hours after inoculation, 66% of the animals were cured.-- From the author's summary

Card: 1/1

R - 17

L 31734-66 T DJ

ACC NR: AP6021175

SOURCE CODE: RU/0007/65/016/03-/0234/0246

AUTHOR: Krilovici, N. (Engineer); Danilov, B. (Engineer); Cristescu, M. (Engineer);
Groze, A. (Engineer); Dima, C.; Mitacu, A.; Stan, I.

ORG: none

TITLE: Possibilities of manufacturing multigrade oils in the Rumanian People's Republic

SOURCE: Petrol si gaze, v. 16, no. 3-4, 1965, 234-246

TOPIC TAGS: petroleum product, petroleum refining, fuel and lubricant additive

ABSTRACT:

The authors discuss laboratory tests performed with a view to the manufacture in Rumania of the multigrade oils SAE 10W-30 HD and SAE 20W-40 HD from Rumanian raw materials plus imported additives. The multigrade oils produced in the laboratory were found to have characteristics similar to those of imported oils of the same type, leading to the conclusion that their manufacture in Rumania is possible and advantageous. Orig. art. has: 11 figures and 11 tables. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 11, 13 / SUEN DATE: none / OTH REF: 004 / SOV REF: 001

Card 1/145

PAUN, R., conf.; MARCUS, N., dr.; ILIE, E., dr.; OLINESCU, R., chim.;
PAPAGHEORGHE, Camelia, chim.; LAZAROVICI, Miriam, chim.;
CRISTESCU, Marcela, chim.

Coproporphyrinuria in chronic hepatitis. Med. intern. 15 no.6:
687-693 Je '63.

1. Lucrare efectuata in Institutul de medicina interna al
Academiei R.P.R. si Ministerul Sanatatii si Prevederilor Sociale,
Bucuresti (director: acad. N.Gh. Lupu).
(HEPATITIS) (PORPHYRINS) (URINE)
(KIDNEY FUNCTION TESTS)

ZAMFIRESCU-GHEORGHIU, Marcela; RUNCAN, V.; POPESCU, T.; VELICAN, Doina;
VLADISCU, C.; CRISTESCU, Marcela.

Beta-glucuronidase activity in some forms of chronic hepatitis.
Stud. cercet. med. intern. 5 no.5:527-534 '64

DANILOV, Boris, ing.; CRISTESCU, Margareta, ing.; DIMA, Constantin, tehn.;
MITACU, Athana, tehn.; STAN, Ion, tehn.

Behavior of oil fractions resulting from a naphthenic oil in
presence of some selective solvents. Petrol si gaze 14 no.7:347-
354 JI '63.

OLTEANU, Gh., dr., candidat in stiinta veterinara; CIRONEANU, I., dr.;
CRISTESCU, M., dr.; ALMASAN, H., biolog, candidat in stiinta
biologice; SIRBU, E., dr.; IUPU, A., dr.; NESTEROV, V., dr.

Trichinellosis in domestic and wild animals in the Rumanian
People's Republic. Microbiologia (Bucur.) 10 no.3:257-264
My-Je '65.

<p>CRISTESCU, N.</p> <p>ca</p>	<p>PROCESSES AND PROPERTIES</p> <p>The acetylcholinergic action of antigens and the acetylcholinergic nature of paralytic (anaphylactic) shock. C. T. Nicolau and N. Cristescu (First Med. Clinic, Bucharest). <i>Bull. acad. med. Romaniae</i> 17, No. 4/6, 10-17 (1945).—Intravenous injection, in human subjects, of horse serum, antigenococcus vaccine, and acetylcholine produced leucopenia and increased eosinophiles and monocytes. The effects on pulse rate and blood pressure varied somewhat. The results confirm Danilopolu's conclusions (C.A. 39, 2832) concerning the acetylcholinergic action of antigens and the acetylcholine nature of paralytic shock.</p>	<p>PROPERTIES</p> <p>of antigens and the acetylcholinergic nature of paralytic (anaphylactic) shock. C. T. Nicolau and N. Cristescu (First Med. Clinic, Bucharest). <i>Bull. acad. med. Romaniae</i> 17, No. 4/6, 10-17 (1945).—Intravenous injection, in human subjects, of horse serum, antigenococcus vaccine, and acetylcholine produced leucopenia and increased eosinophiles and monocytes. The effects on pulse rate and blood pressure varied somewhat. The results confirm Danilopolu's conclusions (C.A. 39, 2832) concerning the acetylcholinergic action of antigens and the acetylcholine nature of paralytic shock.</p> <p>11-9 Biblio</p>
<p>ASM-11A METALLURGICAL LITERATURE CLASSIFICATION</p>		<p>REFERENCES</p>
<p>ALPHABETIC INDEX</p>		

CRISTESCU, N.

<p>Cristescu, N. Române and French summaries By studying vanishing four kinds order in the tinuities, di tinuities, at tudinal discontinuities. (Largely two following</p>	<p>Les discontinuités dans le mouvement du fil flexible et inextensible. Com. Acad. R. P. 1, 345-348 (1951). (Romanian. Russian summaries) By studying the factors of the determinant whose curves, the author finds discontinuity in the derivatives of highest order: transversal discontinuities, stationary discontinuities, and stationary longitudinal discontinuities. (Largely from the summary. Cf. reviews.) F. A. Ficken</p>	<p>ans le mouvement du fil flexible et inextensible. Com. Acad. R. P. (Romanian. Russian summaries) he determinant whose curves, the author finds derivatives of highest order: transversal discontinuities, stationary discontinuities, and stationary longitudinal discontinuities. (Largely from the summary. Cf. reviews.) Knoxville, Tenn.).</p>
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I - F/W

RAW

CR 1570000

N Cristescu, N. Discontinuités dans le mouvement des fils
 élastiquement flexibles et astiques. Com. Acad. R. P.
 Roumaine 1, 439-445 (1951). (Romanian. Russian
 and French summaries)
 (Cf. preceding and following reviews.) By similar
 methods, similar discontinuities are found: stationary
 discontinuities at a point in the string; moving transverse
 discontinuities, and stationary and moving longitudinal
 discontinuities. (From the summary.) F. A. Ficken.

1 - F/W

Handwritten signature

✓ Cristescu, N. Sur les discontinuités du premier ordre, *Com. Acad. R. P. Roumanie* 1, 915-919 (1951). (Romanian. Russian and French summaries) 1 - F/7
 (Cf. two preceding reviews.) Now the author works with the integrated equations of motion, shows that first-order discontinuities are found only on characteristics, and obtains the speed of propagation in both the inextensible and the elastic cases. (Largely from the summary.)
 F. A. Fick (Knoxville, Tenn.)

FAW
 1951

USSR/Mathematics - Waves on a thread

FD-634

Card 1/1 : Pub. 85 - 1/12

Author : Cristescu, N. (Bucharest)

Title : ~~Waves of loading and unloading that arise during the movement of an elastic or plastic flexible thread~~
Waves of loading and unloading that arise during the movement of an elastic or plastic flexible thread

Periodical : Prikl. mat. i mekh., 18, 257-264, May/Jun 1954

Abstract : Treats by the method of characteristics due to Riemann the transverse and longitudinal waves propagated in a flexible thread. Studies the function relating stress to elongation. Considers the motion of a semi-infinite thread in which the forcing excitations at the end of the thread are such as to cause the material of the thread to exceed the limits of elasticity. Studies the waves of loading and unloading under the assumption of ideal plasticity and linear unloading. Considers the linear simplification of the whole problem. Nine references, mostly French.

Institution : --

Submitted : November 24, 1953

10
 ✓ Book: 451. Cristescu, N., Dynamic problems in the theory of plasticity. *Probleme dinamice in Teoria Plasticitatii*, Bucarest, Editura Republicii Populare Romine, 1958, 247 pp.

Book represents an elaboration of a course of lectures to students of physics and mathematics in their fourth (i.e., final) year at Bucharest University. It is remarkable that the subject should be offered to undergraduates. Chapter headings and paragraph numbers give an indication of the topics treated and of author's emphasis: Introduction (§1-4); Concepts of plasticity theory; I (§1-9); Propagation of plastic waves in semi-infinite bars; II (§1-2); Influence of the rate of deformation; III (§1-6); Shock waves in solids; IV (§1-4); The finite bar; V (§1-3); The propagation of plastic waves in bars with variable elasticity (e.g. strain-hardening material); VI (§1-6); Propagation of disturbances in flexible threads; VII (§1-4); Other problems (topics include waves in thick bars, in plates, and spherical waves).

The numerous (261) references to books and original papers attest to author's thoroughness. Discussion is lucid and the ratio of text to mathematical matter is well chosen. The book does not lay claim to intrinsic originality; rather, it's a survey of recent published work in the field, and in this sense it is excellent. Production is cheap paperback.

F. C. Rossler, England

9

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cup

BDS

CRISTESCU, N. (Bucarest)

Elastic-plastic waves in strings. *Arhiv mekh* 12 no.5/6:597-615 '60.

1. Rumanian Academy of Sciences, Institute of Mathematics,
Bucarest.

CRISTESCU, N.

Impact of the extensible and finite strings with variable speed.
Comunicarile AR 12 no.8:887-891 Ag '62.

1. Comunicare prezentata de academiolan Gr. G. Moisil.

CRISTESCU, N.

"Resistance in intensive short load," by Kh. A. Rakhmatulin and
N.A. Dem'yanov. Reviewed by N. Cristescu. Studii cerc mec apl
13 no.4:1042-1043 '62.

CRISTESCU, N.

Loading waves in transverse motion of extensible strings. *Archiw
mech* 15 no.1:47-61 '69.

1. Academia R.P.R., Institutul de Matematica, Bucuresti.

CRISTESCU, M.

On the propagation of elastic-plastic waves in metallic rods. *Bul Ac Pol tech* 11 no.4:183-187 '63

1. Institute of Mathematics, Bucarest (RPR). Presented by W.Olszak.

CRISTESCU, N.

"Introduction to mechanics of continua" by William Prager.
Reviewed by N. Cristescu. Rev math pures 8 no.3:514-515 '63.

CRISTESCU, N.

"Impact. The theory and physical behavior of colliding solids" by W. Goldsmith. Reviewed by N. Cristescu. Studii cerc me: apl 14 no. 6: 1515-1516 '63.

CRISTESCU, N., dr.; BANEA, C., dr.; WIESENMEYER, V., dr.

Consideration on the aggravating role of tuberculous effusions
in some forms of evolutive chronic hepatitis. Med. intern. (Bucur)
17 no.6:737-741 Je'65.

1. Lucrare efectuata in Clinica medicala a Spitalului clinic
"Fundeni" (director: prof. C.C. Dimitriu).

CRISTESCU, N.

"Plane problems in the theory of elasticity" by P.P. Teodorescu. Vol. 1. Reviewed by N. Cristescu. Rev math pures 7 no. 4:721-722 '62.

CRISTESCU, N., conf. univ. (Bucuresti)

Mechanical characteristics of deformable solids. Gaz mat fiz
15 no.1:1-17 Ia '63.

CRISTESCU, N., conf. univ. (Bucuresti)

Mechanical characteristics of deformable solids. Gaz mat fiz 15
no.2:57-66 F 162.

CRISTESCU, P., ing.

Reserves for increasing the tonnage of freight trains by means of electric and diesel engine traction. Rev sailor fer ll no.2:73-76 F '63.

1. Directia W/C.

Costescu, Romulus. La notion d'intégrale dans les
espaces semi-ordonnés. Com. Acad. R. P. Române 2
(1952), 205-208. (Romanian, Russian and French
summaries)
This paper is very like another by the same author
Acad. Repub. Pop. Române. Bul. Şti. Sect. Şti. Mat. Fiz.
(1952), 291-310; MR 15, 721].
E. Hewitt.

1 - P/W

MS

Cristescu, Romulus

<p>Cristescu, Romulus. <u>Espaces partiellement ordonnés pseudo-normés.</u> Com. Acad. R. P. Române 4 (1954), 15-20. (Romanian. Russian and French summaries)</p> <p>This paper covers much the same ground as another communication by the same author (Acad. Repub. Roumaine. Bul. Sti. Sect. Sti. Mat. Fiz. 5 (1954), 297-304; MR 16, 715).</p>	<p>Espaces partiellement ordonnés pseudo-normés. Com. Acad. R. P. Române 4 (1954), 15-20. (Romanian. Russian and French summaries)</p> <p>This paper covers much the same ground as another communication by the same author (Acad. Repub. Roumaine. Bul. Sti. Sect. Sti. Mat. Fiz. 5 (1954), 297-304; MR 16, 715).</p> <p><i>E. Hewitt (Princeton, N.J.)</i></p>	<p>1 - F/W</p> <p><i>MS</i></p> <p><i>[Signature]</i></p>
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CRISTESCU, R.

"Introduction to the theory of semiordinate spaces" p. 527; "issued by the Rumanian Society of Mathematics and Physics, Monthly". (GAZETA MATEMATICA SI FIZICA, SERIA A., Vol. 12, Dec. 1954. Bucuresti, Rumania).

SO: Monthly List of East European Accession, (EEAL, LC, Vol. 4, No.5, May, 1955.

CRISTESCU, R.

Theorem on the representation of linear operations. p. 655. COMUNICARILE.
Bucuresti. Vol. 5, No. 4, April 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956.

UKIDTEZOV, ROMANUS

Cristescu, Romulus. Un théorème sur la représentation des opérations linéaires. Com. Acad. R. P. Roum. 5 (1955), 555-659. (Romanian. Russian and French summaries)

I - F/W

Let T be a set with a σ -algebra of subsets \mathfrak{X} and a countably additive real-valued measure μ on \mathfrak{X} such that $\mu(T)$ is finite. Let S_T be the space of all measurable real-valued functions on T that are finite almost everywhere (μ). For certain subspaces \mathfrak{X} of S_T and certain linear mappings U of \mathfrak{X} into certain lattice-ordered vector spaces \mathfrak{Y} , the author gives a representation theorem

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$$U(f) = \int_T f(t) dm^*(t),$$

where m^* is a countably additive \mathfrak{Y} -valued measure on \mathfrak{X} that is absolutely continuous with respect to μ . E. Hewitt.

1 2 3

CRISTESCU, R.

The method of successive approximations and the principle of increment.

p. 337 (Gazeta Matematica Si Fizica) Vol. 9, no. 7, July 1957, Bucuresti, Rumania

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

CRISTESCU, R.

KRISTESKU, Romulus [Cristescu Romulus]

Stieltjes integral in K-spaces. Dokl. AN SSSR 113 no.3:
519-522 J1 '60. (MIRA 13:7)

1. Gosudarstvennyy universitet imeni K.I.Parkhona: Bukharest,
Buzyniya. Predstavleno akad. V.I.Smironym.
(Integrals) (Spaces, Generalised)

CRISTESCU, Romulus

On some vectorial integrals. Comunicarile AR 11 no. 10:1169-1173 0 '61.

1. Comunicare prezentata de Al. Ghika, membru corespondent al Academiei R.P.R.

CRISTESCU, Romulus, conf.

Use of generalized functions in the study of the automatic systems with aleatory signals. Automatica electronica 6 no.1:1-3 Ja-F '62.

1. Facultatea de matematica si fizica a Universitatii C.I.Parhon, Bucuresti.

CRISTESCU, Romulus

Generalized stochastic processes in dynamic systems.
Probleme automatizate 71 5 N '62.

R/011/62/006/001/001/003
I010/210

AUTHOR: Cristescu, Romulus

TITLE: Application of generalized functions for studying the automatic systems with random signals

PERIODICAL: Automatica si electronica, v. 6, no. 1, 1962, 1-3

TEXT: In order to extend the statistical theory of automatic regulation systems also to generalized random functions, the author mathematically defines some auxiliary terms used in the theory of automatic regulation, introducing, in particular, the term "norm" of output signal—a generalization of the restricted term of the quadratic mean. As an example, the problem of elimination of white noise by means of an electrical filter is considered. There are 3 Russian and 1 English language references.

Card 1/1

L 18778-63

EWI(d)/FCC(w)/BDS AFFTC/IJP(C)

ACCESSION NR: AP3001812

R/0011/63/007/002/0061/0063

AUTHOR: Cristescu, Romulus

52

TITLE: Dynamic systems whose signals are generalized stochastic processes

16

SOURCE: Automatica si electronica, v. 7, no. 2, 1963, 61-63

TOPIC TAGS: Dynamic system, signal, random signal, generalized stochastic process, distribution functions, covariance, noise

ABSTRACT: The author defines a generalized or distribution function as a linear and continuous functional in a space K . Next he gives a series of properties of such a function, and the notations to be used later. Then he defines a general stochastic process by its properties. He defines w the weighting function of a linear system U as that function for which $y = w^*x$ where x is the input to the system and y the output. As an example of such systems he gives the linear differential equation with constant coefficients. Then he defines the transfer function of U as the Fourier transform of w . Finally, he establishes a connection between the correlation functions of the input and output

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L 18778-63
ACCESSION NR: AP3001812

for the case of random signals. That is, he establishes that $k_y = \tilde{w}^x(w^x k_x)$
where k_y = output covariance and k_x = input covariance and $\tilde{w}(t) = w(-t)$.
Orig. art. has 7 equations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: MM

NO REF SOV: 004

OTHER: 006

Card 2/2

CRISTESCU, Romilus

Composable families of distributions and linear physical
systems. Rev math Roum 9 no.8:703-711 '64

CRISTESCU, Romulus

Onicescu's sum functions as elements of an ordered space.
Studii cerc mat 15 no. 3:331-342. '64.

CRISTESCU, Gharanda, ing.

Some aspects of finisring in massive reinforced concrete
construction. Hidrotehnica 8 no.12:463-465 D'63.

CRISTESCU, Traian; ROMANESCU, Dragomir; SOARE, Andrei; STEFANESCU, Aurelian

On the results obtained by the mining magnetometric prospecting
in Rumania. Probleme geofiz 2:225-241 '63.

CRISTESCU, V. ing.

Standard cells, Metrologia upl 8 no.1:28-35 Ja-Mr '61.

CRISTESCU, V., ing.

Research and planning, the first requirements in the fight for promoting new technology. Constr Buc no.756:1,2 4 July '64.

1. Deputy Minister, Ministry of the Construction Industry.

CRISTESCU, L.; CHIRTA, G.; IONESCU, E.

Obtainment of defluorinated thermophosphates. p. 572

REVISTA DE CHIMIE. (Ministerul Industriei Petrolului si Chimiei si
Asociatia Stiintifica A Inginerilor si Tehnicienilor din Romania)
Bucuresti, Rumania, Vol. 10, no. 10, Oct. 1959

Monthly List of East European Accessions (KEAI) LC, Vol. 9, no. 2, August 1959
UNCL.

CRISTESU, S.

TECHNOLOGY

REVISTA CONSTRUCTIILOR SI A MATERIALELOR DE CONSTRUCTII. Vol. 10, no. 8,
Aug. 1958.

A factory hall with large span covered with lattice girders from reinforced
concrete. p.425.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 52,
May 1959, Uncl.iss.

March

SZAKACS, Francisc, ing.; CRISTI, Marin, ing.

Development of the Balan Mine during the years of the
Balan Mine during the years of the regime of the People's
Democracy. Rev min 13 no.8:370-373 Ag '62.

BALASIU, C.; BRENNER, A.; CALIMAN, N.; CRISTIAN, A.; CSUTAK, L.;
HUTTMAN, A.; SUCENBANU, I.V.

Study of rheumatic diseases in a factory of refractory products.
Probl. reumat., Bucur. Vol. II.:103-115 1954.

(RHEUMATISM

in workers in a factory of refractory products)

(OCCUPATIONAL DISEASES

of workers making refractory products)

CRISTIAN, C., candidat in stiinte; TERZI, Alexandru, dr.

Cybernetics and the brain. Natura Biologie 16 no.2:19-26
Mr-Apr '64.

1. Principal researchers, Medicopharmaceutical Institute, Bucharest
(for Cristian, Terzi).

CRISTIAN, C.; TERZI, Al.

Biological and electric activity of the brain. Natura Biologie 16
no.5:22-26 S-0 '62.

1. Medicopharmaceutical Institute, Bucharest.

KRISTIAN, Kali [Cristian, Cali] (Bukharest)

Headpiece for the electrodes registering the electroencephalograms in severely ill patients. Vop.neirokhir. no.2:12-43 '62.
(MIRA 15:3)

(ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES)

CRISTIAN, G.

COUNTRY	: Rumania	8-13
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 16 1959, No.	57751
AUTHOR	: Stolicovici, E., Ciontea, M., Cristian, M., Cris-	
INST.	: Romanian Academy of Sciences	
TITLE:	: The Purification of Naolin from Sikevita	
ORIG. PUB.	: Studii si Cercetari Geol-Geograph Acad RPN Fil Cluj, 8, No 3-4, 303-316 (1957)	
ABSTRACT:	: No abstract.	
CARD:	1/1	Cristian, G. and Weingartner, R.

263

CRISTIAN, G.; ZBAGANU, Gh.; BUNESCU, C., ing.

Contributions to the method of intellectual activity research in
the process of complex semiautomation of production. Rev psihologie
9 no.3:387-406 '63.

CRISTIAN, Geta; ZHAGANU, Gheorghe

Research on operative thinking at the switchboard. Rev psihologie
10 no.4:279-292 '64.

1. Institute of Psychology, Rumanian Academy, Bucharest.

CRISTIAN, Geta

Orientations and new achievements in psychology in the Soviet
Union. Rev psihologie 9 no.1:133-145 '63.

CRISTIAN, I.

"The superiority of collective farms."

p. 5 (Drumul Belsugului) No. 7, July 1957
Bucharest, Rumania

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

CRISTIAN, Vladu

SURNAME, Given Names

Country: Rumania

2

Academic Degrees:

Affiliation: Hortivicultural Experimental Station (Statiunea Exper:
Hortivitico la), Tg. Jiu.

Source: Bucharest, Stiinta si Tehnica, No 8, Aug 1961, pp 18-19.

Data: "Vineyards and Trees on Areas Unsuitable for Field Cultivation:

Authors:

DORIN, Blaja, Engineer.

CRISTIAN, Vladu.

GPO 982

23652
R/002/61/000/001/002/005
A231/A120

26.1120

AUTHOR: Cristian, Z., Engineer

TITLE: The turbofan jet engine

PERIODICAL: Știință și Tehnică, no. 1, 1961, 13

TEXT: The article briefly describes the new Soviet turbofan jet engine (bypass jet engine) which is installed in the new "TU-124" jet liner, designed by A. M. Tupolev. The turbofan jet engine consists of a multi-stage axial compressor (Fig. I, point 1), the combustion chambers (2), the main turbine (3), and the turbine fan (4) which is provided with large blades enclosing in a ring the fan nozzle (5). The new jet engine increases the take-off thrust by 35% at a fuel consumption reduced by 15%. This engine is less noisy than the conventional jet engines. The by-pass jet engines represent an ideal power plant for aircraft with a speed of $M = 0.8 - 0.95$. The "TU-124" has a speed of 1,000 km/h. There are 2 figures. X

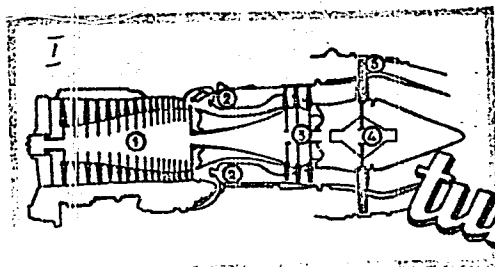
Card 1/2

The turbofan jet engine

23652
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A231/A126

Figure 1:

Turbofan jet engine of Soviet "TU-124" liner .



Card 2/2

CRISTIAN-GHEORGHE, I.

Necessity to modify the AM 1 forms for the registration of accidents.

p. 534. (Industria Lemului. Vol. 5, no. 12, Dec. 1956. Bucuresti, Rumania)

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

CRISTODOR, E.

✓ 10.3-318

351.587(498)

Cristodor, E., Analiza aerologică a lunii ianuarie. [Aerological analysis for the month of January.] *Meteorologia și Hidrologia*, Bucharest, 2(1):8-16, Jan./March 1957. 4 figs, 4 refs. DWB—On the basis of 176 radiosonde ascents at Bucharest average values of the following elements are tabulated and graphically presented for every Jan. from 1950 to 1955: 1) temperature at the surface, 500 and 1000 fpm; 2) characteristics of surface inversions (54 of the soundings revealed such inversions); 3) height of the 0°C isotherm; 4) height, pressure, temp. and humidity at the condensation level; 5) the -20°C isotherm; 6) tropopause characteristics and 7) frequencies of air masses. Subject Headings: 1. Aerological studies 2. Bucharest, Romania.—G.T.

2

August 3, 1959

GW

1/1

CRISTODOR, Eugen; BUCUR, Georgeta

The aerossynoptic conditions which determine sudden and massive coolings
and warnings in Rumania. Meteorologia hidrol gosp 6 no.4:286-
302 '61.

CRISTODORESCU, Gh.; VEGA, I.; CARTIS, I.

Influence of the nature and temperature of the medium of cooling on the properties and flaw appearances on indigenous chrome and structural steel. Bul St si Tehn Tim 7:151-156 '62.

Influence of the temperature and duration of heating on the properties of the RW 180 high-speed steel. Ibid.:157-162

CRISTODORESCU, Gh.; CARTIS, I.; VEGA, I.; RADU, I.

Determination of the optimum conditions of thermal treatment of punches made of W23 Rumanian steel. Bul St si Tehn Tim 8 no.1:117-122 Ja-Je '63.

GAVRILESCU, S., dr.; STREIANU, C., dr.; STANCIU, L., dr.; DEUTSCH, G., dr.;
CRISTODORESCU, R., dr.

Dye dilution curve, a method of hemodynamic exploration. I.
Med. intern. 16 no.3:339-347 Mr'64

Dye dilution curve, a method of hemodynamic exploration. II.
Ibid: 349-354

1. Lucrare efectuata in Clinica I medicala, I.M.Timisoara
(director: prof. H. Aubert).

*

CRISTODULO, S.

Experimentation with 3-coned drilling bits with inferior washing. p. 68

PETROL SI GAZE, Bucuresti, Vol 7, No. 2, Feb, 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

CRISTODUR, E.; RUNCANU, T.

New technique in meteorolgy. St si Teh Buc 16 no.2:18-20,45 1' '64.

1. Cercetatori la Institutul meteorologic.