

I 21447-66 EWP(j)/T PM

SOURCE CODE: RU/0003/65/016/002/0089/0093

ACC NR: AP6023176

AUTHOR: Spiliadis, A.; Badic, Elena; Neagoe, R.

26  
B

ORG: none

TITLE: Preparation of 6-methoxy-2-aminobenzothiazole

SOURCE: Revista de chimie, v. 16, no. 2, 1965. 89-93

TOPIC TAGS: polyacrylonitrile, synthetic fiber, thiocyanate, acetic acid, chemical synthesis

ABSTRACT: The authors discuss the preparation of this compound, used in the synthesis of cationic dyes for polyacrylonitrile fibers, by means of the treatment of 4-aminidino with (SCH)<sub>2</sub> obtained in the reaction mass of cupric thiocyanate. The optimal adjustment of various parameters (temperature, reaction time, ratio of acetic acid to aminidino, etc.) allows obtention of 98 percent conversion and 88 percent yield with maximal purity of the finished product. Orig. art. has: 6 figures and 2 tables.

[JPRS]

SUB CODE: 11, 07 / SUBM DATE: none / SOV REF: 005 / OTH REF: 014

Card 1/1

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SPILIADIS, A; BADIC, E.; CORNEA, V.; HILSENATH, M.;  
BRETGAN, D.; NEAGOE, R.

Dyestuffs for synthetic fibers. Pt. 2. Rev chimie Mir  
petr 15 no. 1: 23-28 Jan '64.

NIJOS, Yantai Am. (Tanya M...)

referred to as the 1960s. It was the only  
the side of a regular program. The only...

NEAGOIE, Vlad, Ing.; DUMULESCU, Moise, diriginte de santier

Better and better quality projects. Constr Buc 16 no.771:1  
17 0 '64.

1. Investment Office, City Management Enterprise, Resita (for  
Neagoie).

NEAGRU, S.

Biology of the insect Isornipis (Charops, solari or lap. (Dolichoptera).  
and damage caused by it. p. 111

AN ALBESERIA STINE LOF NATURII. Bucuresti, Romania. Vol. , no. 27, 1957.

Monthly List of East European Accessions (SEAI), LC. 191. 7, no. 9/1959.  
Uncl.

NEAGU, A., ing.

The dam and stilling pool on the Valea Seaca, Birlad. Meteorologia hidrol gosp 6 no.2 117-120 '61.

Category : RUMANIA/Nuclear Physics - Structure and Properties of Nuclei

C-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 491

Author : Neagu, D.

Title : Nuclear Magnetism

Orig Pub : Gaz. mat. si fiz, 1956, A7, No 5, 243-262

Abstract : No Abstract

Card : 1/1

NEACU, D.

Nuclear magnetism. p 243.

GAZETA MATEMATICA SI FIZICA. SERIA A.

Vol. 8, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956



RUMANIA/Nuclear Physics - Installations and Instruments.  
Methods of Measurement and Research

6

Abs Jour : Ref Zhur - Fizika, No 8, 1959, 17150

Author : Neagu, D.

Inst :

Title : Concerning the Problem of Stereoscopy in a Bubble Chamber.  
Correction for Refraction

Orig Pub : Studiul cercetari fiz. Acad, RIR, 1959, 9, No 2, 261-266

Abstract : Unlike the cloud chamber, the apparent image produced in a bubble chamber is distorted, because of refraction in the liquid in the chamber, and therefore an investigation of elements of the image by the method of repeated projection on a moving screen gives only the elements of the apparent image, but not the real one. The author first investigates the distortion of the image immersed in a transparent medium with a coefficient of refraction  $n$ , when photographing in air under a slight angle of

Card 1/2

- 12 -

NEAGU, D.V.; SALUCVADZE, R.G. [Salukvadze, R.G.]

Utilization of the bicomponent systems in bubble chambers. *Stadii*  
*cer.fiz.* 10 no.4:733-752 '59. (EAI 9:5)  
(Bubble chamber) (Systems (Chemistry)) (Iodomethane) (Propane)

NEAGU, D.V.

Lighting of bubble chambers. Studii cerc fiz 11 no.4:999-1022  
'60. (EEAI 10:8)

1. Institutul unificat de cercetari nucleare, Dubna, U.R.S.S.  
(Lighting) (Bubble chamber)

ANIKINA, M.Kh.; NEAGU, D.; OKONOV, Ye.O.; PETROV, N.I.; ROSANOVA,  
A.M.; RUMYANTOV, V.A.; SARANTSEVA, V.R., tekhn. red.

An experimental investigation of CP-invariance consequences  
 $K_2^0$  decays. Dubna, Ob"edinennyi institut iadernykh issledo-  
vaniy, 1961. p.8.

(No subject heading)

NEAGU, D. V.; SALUCVADZE, R. G. [Salukvadze, R. G.]

Interactions of the mesons  $\pi^+$  with hydrogen and carbon when  
 $E_{\pi^+} = 78$  mev. Studii cerc fiz 12 no.1:39-54 '61. (EEAI 10:9)

1. Institutul unificat de cercetari nucleare, Dubna (for Neagu).
2. Institutul de fizica al Academiei de Stiinte al R.S.S. Gruzine, Tbilisi (for Salukvadze).

(Mesons) (Hydrogen) (Carbon) (Bubble chamber)  
(Propane)

NEAGU, D. V.

Differential manometer for measuring densities of liquids. Studii cerc  
fis 12 no.1:55-59 '61. (EEAI 10:9)

1. Institutul unificat de cercetari nucleare, Dubna.

(Manometer) (Liquids) (Densitometer)

DRAGOMIRESCU, D.; DUTESCU, Gh.; MARINESCU, L.; NEAGU, D.; RADULESCU, C.

Establishing optimum conditions for the work with a Wilson chamber. Studii cerc fiz 13 no.3:479-483 '62.

1. Institutul de fizica atomica, Bucuresti.

NaACh, E. A. (1954), "The organization of the work of the  
Loun, of the President, BahiSA, (1954), (1954), (1954), (1954)

Improvement of the organization of the work. (1954)  
no. 26/213. 14 Sept. 1954.



NEAGU, Z.

Characteristics of nonsinusoidal current circuits; the distortion power. Sbor.nauch.rab.stud.LOI no.2:112-124 '57.  
(MIRA 13:4)

1. Leningradskiy ordenov Lenina i Trudovogo Krasnogo Znameni  
gornyy institut im. G.V.Plekhanova. Predstavleno prof. A.Z.  
Rys'yevym.  
(Electric currents, Alternating)

NEAGU, F.

"Electric speed-limiter for a hoisting engine."

p. 509 (Revista Minelor) Vol. 8, no. 11, Nov. 1957  
Bucharest, Rumania

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

NEAGU, Gheorghe, Ing.

Application of new structures and materials. Constr Buc 16 no. 744:  
3 11 April '64.

NEAGU, I.

"The organizer of agricultural production."

p. 6 (Drumul Belsugului) No. 8, Aug. 1957  
Bucharest, Rumania

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

NEAGU, Florea, ing.

Contribution of the Institute of Mine Planning to the  
development of mining in Rumania. Rev min 15 no. 5/6:  
217-222 My-Je '64.

1. Director, Institute of Mine Planning.

BERG, Ion, Ing.

On the Craiova Construction Sites. Constr Buc 14, no.651:  
3 30 Je '62.

NEAGU, I., ing.

Motru, a new city on the map of the Oltenia region. Constr. Buc 17  
no. 788:1 13 F '65.

1. Office of Systematization, Architecture, and Construction  
Projects, Oltenia.

NEAGU, I., ing., corespondent

At the workshop of the construction Enterprise No. 6  
Craiova. Constr Buc 14 no. 673: 3; 1 December 1962.



NEAGU, I., ing., correspondent

The Skoda HSC-5 autocrane. Constr Buc 14 no. 675: 4  
15 December 1962.

PISLARASU, C., ing.; AGENT, V., arh.; MACRI, R., arh.; MARCOVICI, A.,  
ing.; BABAIANI, E., ing.; NEACSE, I., ing.; APUCLEAN, I.,  
ing.

Construction of apartment houses with many stories achieved  
by gliding shuttering in Bucharest. Rev constr si mat constr  
15 no. 12: 620-617 D '63.

HARALAMBIE, T., technician; CRACIUN, Ion, economist; MARCHEAN, Ioan, ing.;  
JURCA, Nicanor, ing.; SIGISMUND, S.; BARBALATA, Stancin;  
SIRIOPOL, Telemah; NEAGU, Ion, ing.

Prefabricated materials for hotbeds; a veterinary laboratory  
in Constanta; the new club house in the city of Victoria;  
what the planners of Suceava are proposing; constructions  
in use in Galati. Constr Buc 16 no.735:1 8 P '64.

1. Din subredactia voluntara de la Galati (for Barbalata,  
Siriopol). 2. Directia de sistematizare, arhitectura si proiectare  
a constructiilor, Oltenia (for Neagu).

NEAGU, Ion, ing.

Learning by experience to work faster and better. Constr  
Buc 16 no. 738:3 29 February 1964.

1. Secretarul organizatiei de baza de la Directia de sistematizare, arhitectura si proiectare a constructiilor, Oltenia.

IONESCU, Tudor, ing.; TOMA, D., ing.; IVAN, Gh., inginer-sef; GLOD, George, ing.; STEFANESCU, St., ing.; AMEL, G., ing.; NEACSU, Ion, ing., laureat al Institutului de Stat

Our investigation. Constr Buc 16 no. 739:3 7 March '44.

1. Dispecer la Trustul de constructii nr.1, Bucuresti (for Toma).
2. Din serviciul de proiectare al Trustului de constructii nr.1, Brasov (for Glod).
3. Directorul Directiei mecanizarii, Directia generala constructiimontaj, din Ministerul Industrii Constructiilor (for Stefanescu).

NEAGU, Ion, ing.

Preparations for the 1965 constructions. Constr Buc 16  
no.776:1 21 N '64.

1. Office of Systematization, Architecture, and Construction  
Projects, Oltenia.

HOSEA, Cornel; TAMAS, Virgil; NEAMTU, Levent

Partial syntheses of benzodiazepines. *Rev. Roum. Chim.* 13 no.12:883-886. 1968.

1. Chair of Chemistry and Biochemistry, Agricultural Institute,  
Cluj, 3 Minastur Street.

MIAMI, Fla. (UPI) - A major effort to construct a new international airport in Miami is under way, officials here said.

The \$1.2-billion project, which will include a new terminal building, is being designed by the Miami International Airport Authority. The new terminal is expected to be completed in 1992.

The Miami International Airport Authority is a public agency created by the state of Florida. It is responsible for the development and operation of the Miami International Airport. The authority is currently in the process of selecting a contractor to build the new terminal building.



NEAGU, Ion, ing., corresp

Planning for faster and better results. Constr Bus 17 no. 749:1  
10 Ap '65.

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BDS/ENT(1)/ES(a)/ES(j)/ES(c)/ES(k) AEDC/AFFTC Pb-4  
R/012/62/000/001/001/001

A/ID

AUTHOR: Neagu, M., Major, Medical Corps, and Segall, S., Major, M. C. 61

TITLE: Prevention and treatment of aerotitis from barochamber and flight 2

PERIODICAL: Revista Sanitara Militara, v. 58, no. 1, 1962, 111-115

TEXT: Preventive responsibilities of flight surgeons include not only a continuous surveillance of active flight crews for any conditions which might affect Eustachian tube patency, but also indoctrination and detailed examinations at time of first assignment, as well as follow-up and analysis of recurrences. Treatment includes instillations of nasal vasoconstrictors, inhalation of mentholated and balsam tincture; antibiotics (mainly penicillin) as indicated. Stress individual variability in tolerance to barometric changes; many factors including emotional and meteorologic vary response of same man at various times.

Card 1/1

VLADU, M.

About the committee's new work plan. J. 4. C. NSRP. 7. 201. Constructii  
Constructiilor si Industriei Materialelor de Constructii si Miniera  
Sindicatelor de Salariatii din Intreprinderile de Constructii si Miniera.  
Vol. , no. 312, Jan. 1956

So. East European accessions list. Vol. 5, No. 7. September, 1956

NEAGU, M., prof. dr.

Vineyards and trees on irrigated plots. St. at Ter. Inc. 14, no. 515  
My '62

NEAGU, M., ing.

On the reserve of measuring devices. Metrologia apl 10 no.8:  
372-374 Ag'63.

DATA, S., biolog; NEAGU, M., biolog

Influence of mechanized harvesting on reed productivity in the  
Danube Delta. Selhirtie 13 no. 2:41-44 // '64.

CHIVU, I.P., ing.; NEAGU, M., biolog.

Research on the acclimation of the Italian reed (*Arundo-donax*) in  
Rumania. *Col hirtia* 13 no.1:1-5 Ja '64.

NEAGU, M.; ZAHARIADE, C.

Destruction of weeds with herbicides in cereal and vegetable  
cultivation by mechanized means. p. 1085.  
Academia Republicii Populare Romine. COMUNICAIILE.  
Bucuresti.  
Vol. 5, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 12, December 1956



NEAGU, M.

Combating weeds by chemical means. p. 37. NATURA. Bucuresi.  
Vol. 7, no. 3, May/June 1955.

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) Library of Congress  
Vol. 5, No. 7, July 1950.



NEAGU, M. J.

COUNTRY : ...  
 TITLE : ...  
 AUTH. : ...  
 INST. : ...  
 TITLE : ...  
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 ABSTRACT : ...

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COUNTRY : Rumania a-27  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 16 1959, No. 58785  
AUTHOR : Neagu, M. I.  
INST. : Not given  
TITLE : The Successes Achieved by Rumanian Wines at the Exhibitions in Ljubljana and in Budapest and the Tasks Before Rumanian Viticulturists and Wine  
ORIG. PUB. : Gradina via si Livada, 7, No 11, 1-7 (1958)  
ABSTRACT : The author gives a brief characterization of some of the Rumanian wines exhibited at the Ljubljana (1957 and 1958) and Budapest (1958) exhibitions, at which 83 and 85%, respectively, of the Rumanian wines received gold and silver medals. The author emphasizes the need for increasing the area under cultivation to 300,000 hectares in 1970 (of which 200,000 hectares should be planted to high-grade varieties) and for improving the technology of high-quality

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NEAGU, Maria

Research methods in sunflower consanguinity. Studii agr Timisoara 8  
no. 3/4:195-203 J1-D '61.

44

- 1. Productive varieties of wheat, Professor S. B. Singh, pp 174.
- 2. Machines for soil tillage, Professor S. B. Singh, pp 175.
- 3. Protective livestock breeds, pp 176.
- 4. Theoretical aspects of wheat, pp 177.
- 5. Wheat, pp 178.
- 6. The wheat, pp 179.
- 7. Wheat, pp 180.
- 8. Wheat, pp 181.
- 9. Wheat, pp 182.
- 10. Wheat, pp 183.
- 11. Wheat, pp 184.
- 12. Wheat, pp 185.
- 13. Wheat, pp 186.

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1954, p. 111.

From of persistence of ancient characteristics in contemporary ...  
p. 111. *INSTRUMENTE E ATELOR L. R. Academia Republicii Populare Romane*  
Bucuresti . Vol. 1, 1954

Reference: East European Accession List, (EVAL), *Litrary of ...*, vol.  
4, no. 1, December 1955.

1954, 1.; 1955, 1.; 1956, 1.

Contributions to the study of...  
ARTICLE 12. (Academia Republicii Populare Romane) etc. etc.  
Vol. 1, 1954

Reference: East European Accession List, 1955, Library of Congress, etc.  
4, no. 12, October 1955



FIRU, P., NEAGU, Natalia; GEORGESCU, VI.

Correlations between dentation and cranial sutures. *Rumanian*

*M. Rev.* 3 no.4:69-72 O-D '59.

(TEETH)

(SKULL)

(ANTHROPOLOGY)

PATRULIUS, D.; HEAGH, T.

On the presence of Minantiar in the foundation of the  
Rumanian Plain (Moesia Massif). Studii cerc geol 8  
no. 2: 195-200 '63.

1. Comunicare prezentata de academicien G. Purgear .

NEAGU, Theodor

*Clavulinoides gaultinus* in the Cretaceous Fluschie in Rumania. Roczn geol Krakow 32 no.3:415-426 '62.

1. Laboratoire de Paleontologie, Faculte de Geologie-Geographie, Universite, Bucarest.

NEAGU, Theodor

Large-sized aggregate of ...

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BURCHELE, Th.; BIAJA, G.; NEAGU, V.

A plastic operation using intestine for the enlargement of the urinary bladder (enterocystoplasty). Rumanian M. Rev. 1 no.3:74-75 July-Sept 57.

(BLADDER, surg.  
enterocystoplasty for bladder enlargement)

DUMA, M.; STEINER, M.; NEGREANU, D.; VILCOV, L.; DUMITRESCU, M.; NEAGU, V.

Complex telemechanical system for short distance dispersed objects,  
with application to oil derricks. Probleme automatiz 4:69-77 '63.

IFAN, R.; LITMANU, R.; MARGU, V.; PUSKU, M.

Cryometric neutralization of 12-phosphoglybic acid and 12-phosphotungstic acid with sodium hydroxide. Zhur. neorg. khim. 6 no.1:246-249 '61. (CIA 4:5)

1. Kluzhskiy universitet i. V. Babesh-Bolyay. Khimicheskiy fakul'tet, kafedra neorganicheskoy i analiticheskoy khimii. (rumynskaya Narodnaya Respublika).

(12-phosphoglybic acid) (12-phosphotungstic acid)  
(Sodium hydroxide)



RIPAN, R.; LITVANU, K.; NEAGU, V.

Cryometric neutralization of metatungstic acid and 12-borotungstic acid with sodium hydroxide. Zhur. neorg. khim. 6 no.1:249-251 '61.

(MIRA 14:2)

1. Klushskiy universitet im. Babesh-Bolyay. Khimicheskiy fakul'tet, kafedra neorganicheskoy i analiticheskoy khimii (Munyan'skaya Narodnaya Respublika).

(Tungstic acid)

(Tungstoboric acid)

(Sodium hydroxide)

RIPAN, R., and; NEAGU, V.

Physicochemical study of sodium paralydiate. Pt.1. St. 116  
Univ. B-B S Chem 8 (1974) 25-33

1. "Babeş-Bolyai" University, Cluj.

HULEA, Ana; NEAGU-TIRCOVNICU, Marina

Microflora of flax plants. Studii cerc biol veget 13 no.4:547-559  
'61.

1. Comunicare prezentata de Alice Savulescu, membru corespondent al  
Academiei R.P.R.

CARAPANEA, M.; VRINCEANU, R.; CORNEANU, Maria; REPTA, V.; BOBIC, D.;  
NEAGU-VALEANU, Georgeta

Modifications of the electroretinogram in the phenomenon of general  
fatigue. Studii cerc fiziol 6 no.1:115-127 '61.

(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.  
Danielopolu" al Academiei R.P.R. si Directia medicala C.F.R.

(ELECTRORETINOGRAM) (FATIGUE)

NSA/ISS:

"[unclear]"

1. [unclear] [unclear] [unclear] [unclear] [unclear]  
Bucharest, Rumania

SD: [unclear] index of [unclear] [unclear] [unclear] [unclear] [unclear]  
[unclear]

NEAMTU, Cornel, ing. (Cimpia Turzii)

Rationalization of combustion at the new steam-generating Industria  
Sirmei Plant of Cimpia Turzii. Energetica Rom 10 no.2:69-71, 1967

1. Inginer la uzina "Industria Sirmei," Cimpia Turzii.



NEAMFU, Cornell, Ing.

Automation gains ground. Donato But... 1964.



BODEA, Cornel; TAMAS, Virgil; NEAMTU, Gabriel

Partial syntheses of certain derivatives. Pt. 2. Rev. chimie Roum. 9  
no. 12: 839-842, 1964.

1. "Dr. Petru Poni" Academic Institute, Chair of Chemistry and  
Biochemistry, 3 Mirastur Street, Buch. Submitted June 26, 1964.

NEAMCO, Gavril, TAMU, Virginia, ...

Research on the ...  
neuro-biochemical ...

1. Laboratory of ...  
July 17, 1964.

BODEA, Cornel; TAMAS, Virgil; NEAMTU, Gavril

Partial synthesis of dehydro-carotenoids. Pt.1. Studii cerc  
chim 12 no.5:365-369 '64

1. "Dr. Petru Groza" Agronomic Institute, Chairs of Chemistry  
and Biochemistry, Minastur St., no.3, Cluj.

L 63422-65

ACCESSION NR: AP5023249

RU/0012/64/000/005/0821/0823

AUTHOR: Negrutiu, O. (Doctor, Lieutenant Colonel); Margescu, V. (Doctor, Lieutenant Colonel); ~~Negrutiu, I.~~ (Doctor)

4  
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TITLE: A case of Masson Glomic tumor

SOURCE: Revista sanitară militară, no. 5, 1964, 821-823

TOPIC TAGS: tumor, surgery

ABSTRACT: The authors present and discuss the case of a Masson glomic tumor on the fourth finger of the left hand of a 29-year old woman, which was successfully identified and removed by surgery. The condition is also known as a neuromyo-arterial glomus.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SOV: 000

OTHER: 005

JPRS

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COSTACHEL, A., conf. ing.; ULEA, E., sef lucr. ing.; NEAMTU, M., asist. ing.

Principles and norms involved in the compensation methods of traverses and polygonal, leveling networks. Rev geodezie 7 no.3:18-30 '63.

1. Institutul de constructii, Bucuresti.

COSTACHEL, A., conf. ing.; ULEA, E., ing.; NEAMTU, M., ing.

Contributions to the direct measurement of distances, of medium precision, with metallic overhead tapes and threads. Pt 1. Metrologia apl 10 no.11:481-489 N 63.

COSTACHEL, A., conf. ing.; ... , ing.; ... , M., ing.

Contributions to the direct measurement of distances,  
of medium precision, with overhead metallic bands and  
threads. It.2. Metrologia apl 10 no.12:529-535 P '63.

GRECU, I.; NEAMTU, Maria Pitis.

Complex compounds of hydrazide of isonicotinic acid (IX).  
Farm Rum 11 no.11:655-661 N'63.



SECRET, 1957-1970

Complex organizations of the type described in this document are not to be used for the purpose of the "Secret" program.

The information in this document is classified "Secret" and is to be controlled in accordance with the provisions of the "Secret" program.

GRECU, Ioan; NEAMTU, Maria

Complex combinations of the hydrazide of isonicotinic acid.  
Pt.12. Studii cerc chim 13 no.12:923-930 D '64.

1. Faculty of Pharmacy, Cluj, Laboratory of Inorganic Chemistry,  
Cluj, 4-6 Pasteur Street.

ACC NR: AP6022109 SOURCE CODE: RU/0018/65/000/010/0553/0558  
AUTHOR: Deutsch, I.; Goia, I.; Noartu, T.; Gradinaru, A.; Morariu, N.  
ORG: none  
TITLE: Studies concerning resistance hypotheses  
SOURCE: Constructia de masini, no. 10, 1965, 553-558  
TOPIC TAGS: stress analysis, mechanical shock resistance  
ABSTRACT: The authors present the results of a theoretical and experimental study of the resistance criteria relating to the plane states of unitary stresses. Formulae are given to calculate stress resistance under various conditions. Orig. art. has: 4 figures, 19 formulas and 5 tables. [Based on authors' Eng. abst.] [JPRS]  
SUB CODE: 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1 FV

UDC: 539.4

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FLORESCU, D., ing.; NEAMTU, V.

Contributions to the hydrologic study of Lacul Siutghiol.  
Hidrotehnica 6 no. 8:281-286 Ag '61.

NEAMTU, V.

General considerations on the determination of the density  
of hydrographic networks. Meteorologia hidrol gosp 6  
no.3:252-254 '61.

NEAMTU, Victoria

Determination of the hydrographical network density in the Arges  
River Basin. Meteorologia hidrol gosp 7 no.1:56-64 '62.

NEAMU, Gheorghe

Some notes on the karst in the Piatra Mare Massif. Probleme geog  
7:259-265 '60. (EBAI 10:3)  
(Rumania--Karst)

NEAMU, Gh.

Current processes of relief shaping in the depression Horezu.  
Probleme geog 8:471-483 '61.



NEAMU, Gheorghe (Bucuresti)

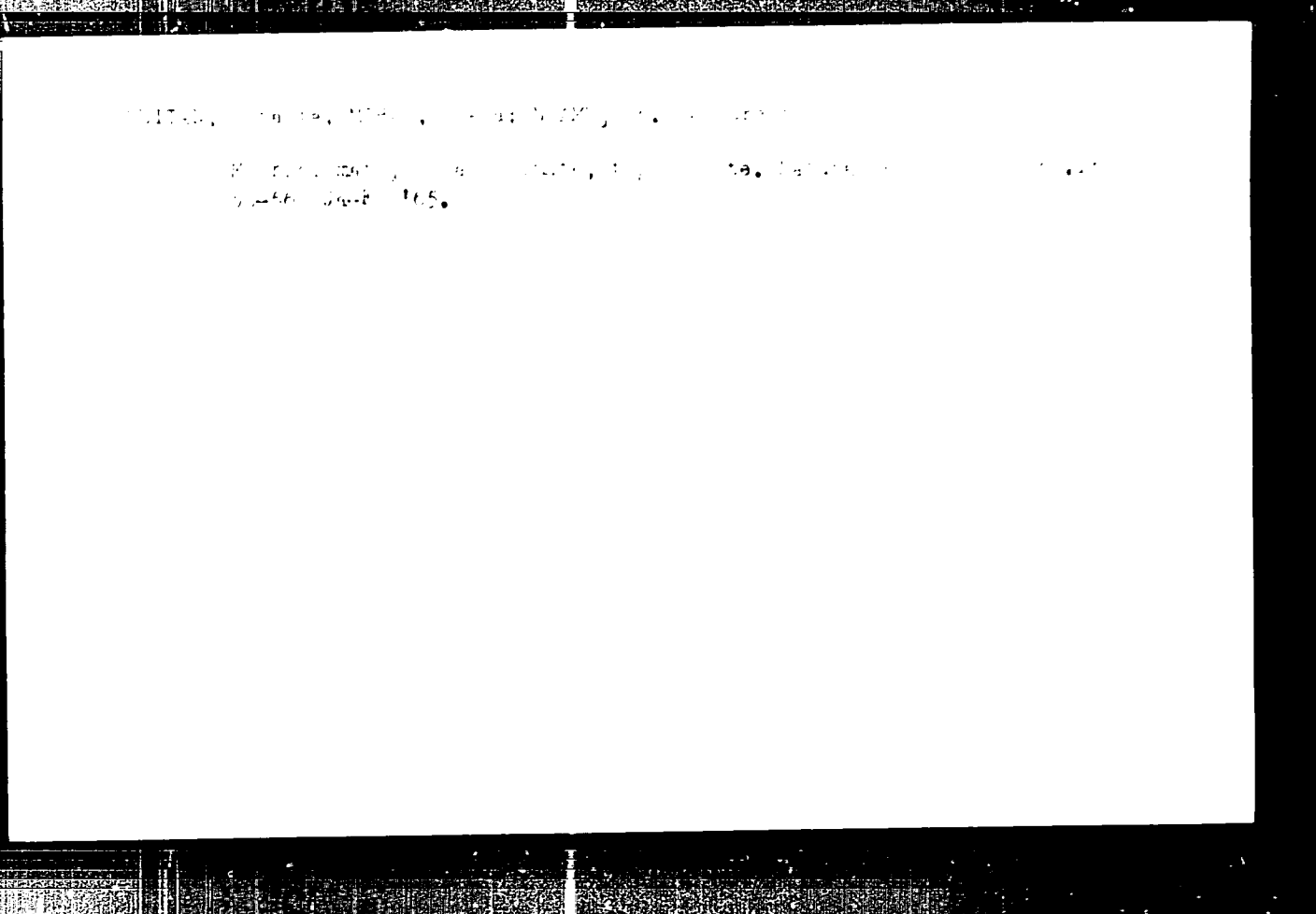
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Geografie 15 no.4:22-24, Jl-Ag '63.

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HULUBEI, H., acad.; MARTALOGU, N.; IVASCU, M.; BESLIU, C.; BERINDE, A.;  
NEAMU, I.; FRANZ, I.

Angular distribution of the protons of 6.2 MeV, elastically and  
nonelastically diffused on  $S^{32}$ . Studii cerc fiz 11 no.4:1023-1031  
'60. (EBAI 10:8)

1. Institutul de fizica atomica, Bucuresti. 2.Comitetul de redactie,  
Studii si cercetari de fizica, redactor responsabil(for Hulubei).  
(Angular momentum(Nuclear physics)) (Protons)  
(Nuclear emulsions) (Sulfur) (Radioisotopes)

MARTALOGU, N.; SCINTEIE, N.; MOLEA, M.; NEAMU, I.; IVASCU, M.

The scintillation recoil spectrometer with two crystals. Studii  
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B104/B102

AUTHORS: Hulubei, H., Neamu, I., Franz, I., Martalogu, N., Scintei, N.,  
Ivascu, M., Berinde, A.

TITLE: Scattering of low energy proton from  $S^{32}$

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42,  
no. 6, 1962, 1433 - 1437

TEXT: Experiments were carried out with the Y-120 (U-120) cyclotron of the  
Institute of Atomic Physics in Bucharest. Protons of 5.70, 5.85, 6.02,  
6.20 and 6.34 Mev with an energy spread of 150 kev were focused into a  
scattering chamber with a tantalum tube. 4 diaphragmas in this tube  
reduced the diameter of the incident particle beam to 4 mm. The vacuum  
sputtered  $S^{32}$  target had a surface area of  $4 \text{ cm}^2$  and a thickness of less  
than  $2 \text{ mg/cm}^2$ . The sensitivity of the angular distributions of inelastical-  
ly scattered protons to the incident proton energy (Fig. 2) indicates the  
formation of a compound nucleus. The asymmetry of the distribution curve  
may be explained by direct interaction. The angular distribution curves of

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Scattering of low energy proton from  $S^{32}$

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elastically scattered protons show that the reaction mechanism via compound nucleus formation in elastic processes with  $E_p \approx 6.02 - 6.34$  Mev plays an increasingly important role. There are 4 figures.

ASSOCIATION: Institut atomnoy fiziki Akademii nauk Rumynskoy Narodnoy Respubliki Bukharest (Institute of Atomic Physics of the Academy of Sciences of the Rumanian People's Republic, Bucharest)

SUBMITTED: November 12, 1961

Card 2/0

HULUBETI, H., acad.; NEANU, I.; FRANGU, I.; ...; ...;  
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Diffusing protons with 4,90 and 5,30 Me V energy on aluminum.  
Studii cerc fiz 14 no.6:741-745 '63.

1. Institutul de fizica atomica, Bucuresti.

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SKYNTSEY, N. [Scintei, N.]; IVASHEV, M. [Ivascu, M.]; BFRINDE, A.;  
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Proton scattering on  $\text{Ne}^{20}$  at energies below 5 Mev. Zhur. eksp.  
1 teor. fiz. 45 no.6:1822-1826 D 1972. (MIRA 17:2)

1. Institut atomnoy fiziki, Rumyniya, Bukharest.

MEMO, Mr. [unclear]

[Faint, illegible typed text]

NEAPOLITANOV, M.V.

Efficiency promoters of the Khilok line. Avtom., telem. i svyaz' 2  
no.7:28 J1 '58. (MIRA 11:6)

1. Starshiy inzhener-inspektor Tsentral'noy stantsii svyazi  
Ministerstva putey soobshcheniya.  
(Railroads--Signaling--Block system)

NEAPOLITANOV, M.V.

Organizing the work in the track sections. Avtom. telem. i svyaz'  
2 no. 8:40-42 Ag '58. (MIRA 11:8)

1. Staryiy inzhener-inspektor oo signalizatsii, tsentralizatsii,  
blokirovke.

(Railroads--Maintenance and repair)

NEAPOLITANOV, M.V.

Method for improving the performance of relay contacts. (MIRA 11:12)  
Avtem., telem. i avias' 2 no.11:36 N '58.

1. Starshiy inzhener-inspektor po signalizatsii, tsentral'zatsii i  
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MEAPOLITANOV, M.V., inzh.-inspektor po signalizatsii, tsentralizatsii i  
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Comments on K.O. Umarov's article "Shortcomings in the crew method of servicing installations." Avtom., telem. i svyaz' 3 no.3:40 Mr '59.  
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1. Starshiy inzhener-inspektor po signalizatsii, tsentralizatsii i blokirovke.

(Railroads--Signaling)

HEAPOLITANOV, M.V.

Increase of the operational stability of rail networks.  
Autom.telem. i sviaz' 3 no.12:34-35 D '59.

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(Electric railroads)

