

COUNTRY : Romania
CATEGORY :
ABS. JOUR. : RZKham., No. 21 1959, No. 74349
AUTHOR : Gheorghiu, T. D. and Finman, L.
INST. : Rumanian Academy of Sciences
TITLE : The Application of Methods Used in the Study of Solid and Liquid Electrolytes to the Study of Semiconductors.
ORIG. PUB. : Coman Acad RPR, 3, No 11, 1139-1136 (1959)
ABSTRACT : Semiconductors and electrolytes exhibit a number of similar properties (absence of a linear relationship between current and potential, positive temperature coefficient of conductivity, etc). It is shown that methods used in the investigation of electrolytes can be used in the study of the properties of semiconductors immersed in an electrolyte or coated on electrodes.
R. Mochannyuk

CARD: 1/1

21

GHEORGHIU TRAIAN D

SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation:

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 10, 1961, pp 1179-1180.

Data: "Contribution to Increasing the Productivity of a Rotary Kiln
for the Production of Cement Clinker of the Lepol Type, Based
on the Determination by Means of Radio-Isotopes of the Manner
in which the Material Goes Across this Installation and of Its
Speed."

Authors:

GHEORGHIU, Traian D., Corresponding Member of the Rumanian Academy
(Membru Corespondent al Academiei R.P.R.).

SERBAN, D.

LITERAT, R.

MEITERT, St.

GPO 981443

GHEORGHIU, Traian D.; LITERAT, Radu; MEITERT, Stefan

Automatic control and measurement of the levels in some industrial processes with the aid radioactive isotopes. Comunicarile AR 12 no.6:671-675 Je '62.

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

RUMANIA

UDC: 616.988:616.428

MARINESCU, Gh., Dr, SARATEANU, D., Dr, ATHANASIU, Pierrette, Dr, GHEORGHIU, V., Dr, BANICA, A., Dr, IOANESI, I., Dr, and DRAGOMIR, V., Dr. Work performed at the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (Academia Republicii Socialiste Romania).

"Benign Lymphoreticulosis with Erythemato-Nodular Eruption After Inoculation."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 5, Sep-Oct 66, pp 399-405.

Abstract [Authors' English summary modified]: The authors report a case of benign inoculation lymphoreticulosis with erythema nodosa in a 56-year old woman. The laboratory tests confirming the diagnosis included positive intradermal reactions with the psittacosis heteroantigen and with the specific antigen prepared from lymph node pus, complement-fixation and hemagglutination-inhibition tests, etc. Clinical and epidemiologic data showed the presence of a non-bacterial purulent inguinal adenopathy and close contact with cats.

1/2

REF ID: A66666, V.

A quantitative relation in the field of energy destroyers. p. 223

Academia Republicii Populare Romane. Paza de Cercetari Stiintifice,
Timisoara. STUDII SI CERCETARI STIINTIFICE. SERIA I: STIINTA MATEMATICA,
FIZICA, CHIMIE SI TEHNICE.
Vol. 2, No. 1/4, Jan./Dec. 1955

Timisoara, Romania

SOURCE: East European List EEAL Library of
Congress, Vol. 6, No. 1, January 1957

ANDRESCU, V.

SURNAMES, Given Names

Country: Rumania

Academic Degrees: Engineer. Candidate in Biological Sciences (Candidat in Stiinte Biologice).

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, Vol XIII, No 10, Oct 1961, pp 8-9.

Data: "Microbiology in the Service of Agriculture."

GHEORGHIU, V.

Hydraulics of noncircular conduits. Studii tehn Timisoara 8 no.
3/4:227-246 J1-D '61.

GHEORGHIU, V., ing.

Purifying stations of waste water in Switzerland. Hidrotehnica
8 no.8:309-312 Ag'63

GHEORGHII, V.

Form parameters in the hydraulics of square and triangular conduits.
Studii tehn Timisoara 10 no.2:337-343 JI-D '63.

GHEORGHIO, Vladimir

Application of the hypnosis method in the study of some individual characteristics of concepts. Rev psihiatrie 9 no.2:225-248 '63.

SARAFIANU, G.; GILLER, Sigrid; PRAHOVEANU, Elena; BOTIS, S.; GHEORGHIU, V.;
BABOS, Aurelia.

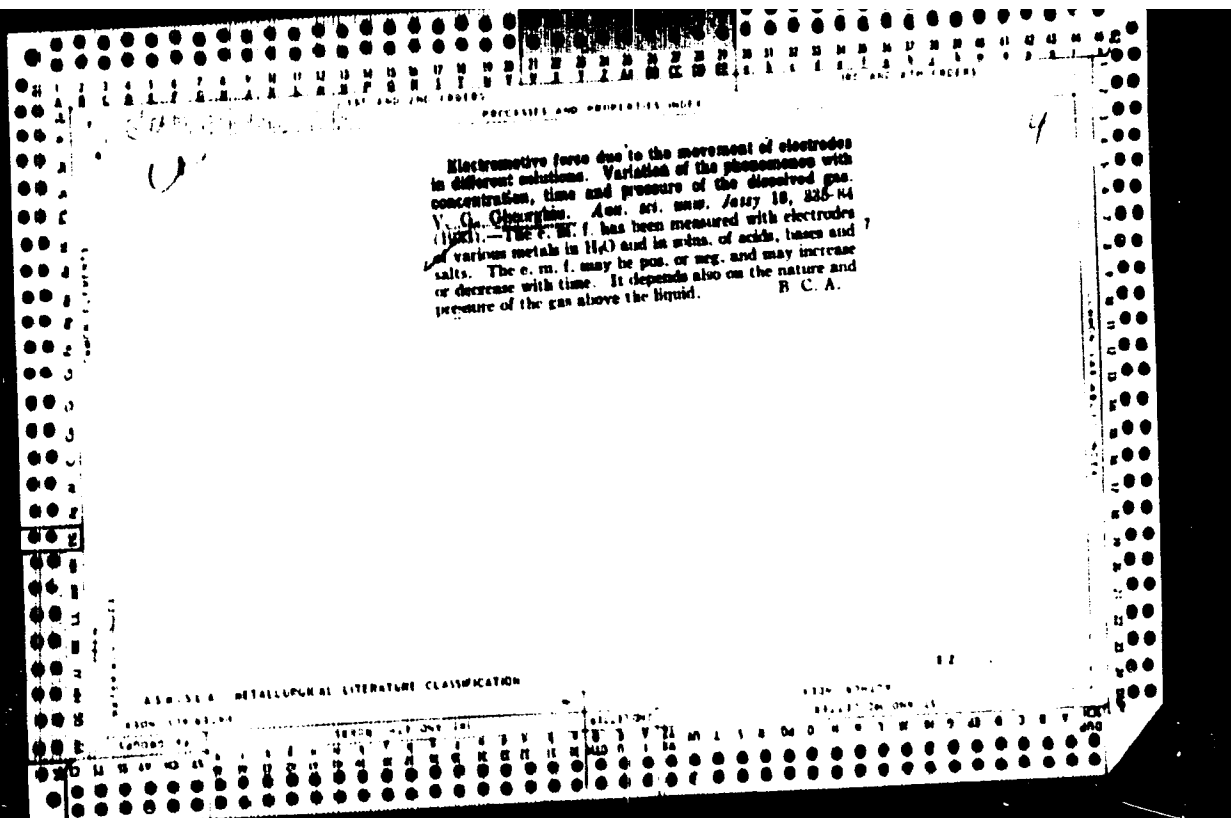
Study of virus-host cell relations in vitro by determination of
some enzyme activities. Stud. cercet. inframicrobiol. 16 no.1:
17-25 1965.

CAJAL, N.; SARATEANU, D.; BABA, Constanta; BABOS, Aurelia; OPRESCU, Elena;
BOTIS, S.; GHEORGHIU, V.

Research on the relations between maternal serum antibodies and
receptivity in vitro of attenuated polioviruses by human embry-
onal cells. Stud. cercet. inframicrobiol. 16 no.2:101-108 '65.

SARATEANU, D.; BABA, Constanta; OHEORGHINU, V.; BOTIS, S.; BABOS, Aurelia;
OPRESCU, Elena

Research on the levels of attenuated poliomyelitis viruses as a
function of the age of human embryonal cell cultures. Stud. cercet.
inframicrobiol. 16 no.2:109-117 '65.



PROCESSES AND PROPERTIES INDEX

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The Electromotive Force Produced by Movement of (Metal) Electrodes in Various Solutions, Changes in the Phenomenon as a Function of the Concentration, the Time, and the Pressure of Dissolved Gases. Virgiliu G. Ghiesbreght (Ann. Sci. Univ. Jassy, 1933, 18, 337-384; Chem. Zentr., 1934, 106, I, 3320-3321).-- The potentials of platinum, gold, silver, copper, iron, and zinc have been determined in various inorganic and organic acids, in alkalis, and in neutral nitrate solutions, and the effect thereon of movement, concentration, and time of immersion studied; the results are shown in tables and graphs. The electro-positive metals in acid solutions show a negative e.m.f. of movement which is greater the stronger (chemically) is the acid; in strong acids this e.m.f. decreases with time, but in the weaker acids it increases. The electro-negative metals give a positive e.m.f. of movement which is greater in the weaker acids than in the stronger. The e.m.f. decreases with increase in the concentration of the electrolyte in all cases, except in boric and acetic acids, in which it rises. In the alkaline solutions the electro-positive metals give a negative e.m.f. which except in ammonia amounts to only a few thousandths of a volt. Zinc in all alkalis gives a positive e.m.f. of movement at first, but this slowly becomes negative; this effect increases with the concentration to a maximum, then falls again. The behaviour in various nitrate solutions shows no effect of the valency of the cations. Pressure changes produce considerable effects on the phenomenon. The theory of the subject is discussed at length. A. R. P.

450.514 METALLURGICAL LITERATURE CLASSIFICATION

8300 574.0214

1933 18 337-384

3320-3321

ANN. SCI. UNIV. JASSY

CHEM. ZENTR.

1934 106 I 3320-3321

Jul/Dec 1946

BERMANIA/Chemistry
Salinity
Marine Research

"On the Correlations Between the pH, Salinity and

Oxygen Concentration Values of the Black Sea."

Virgilin G. Cheorghiu, Niccolae Galinicensu, 10 pp

Republ Politehnicolii 'Gh Asachi' din Iasi" Vol I, No 2

Electric conductivity, density, temperature, refrac-
tion index, salinity, oxygen concentration, pH and
their interrelations were studied in 1935 - 1938 and
found to be functions of position, time, depth,
meteorological factors, etc. Present article treats
only subject values. Statistical results give the
correlation between salinity and pH as 21721

BERMANIA/Chemistry (Contd)
Salinity
Marine Research

Jul/Dec 1946

r = -0.44, between pH and oxygen concentration as
r = +0.51, between salinity and oxygen concentration
as r = 0.04, etc.

21721

CHEORGHIU, VIRGILIN G.

PA 21721

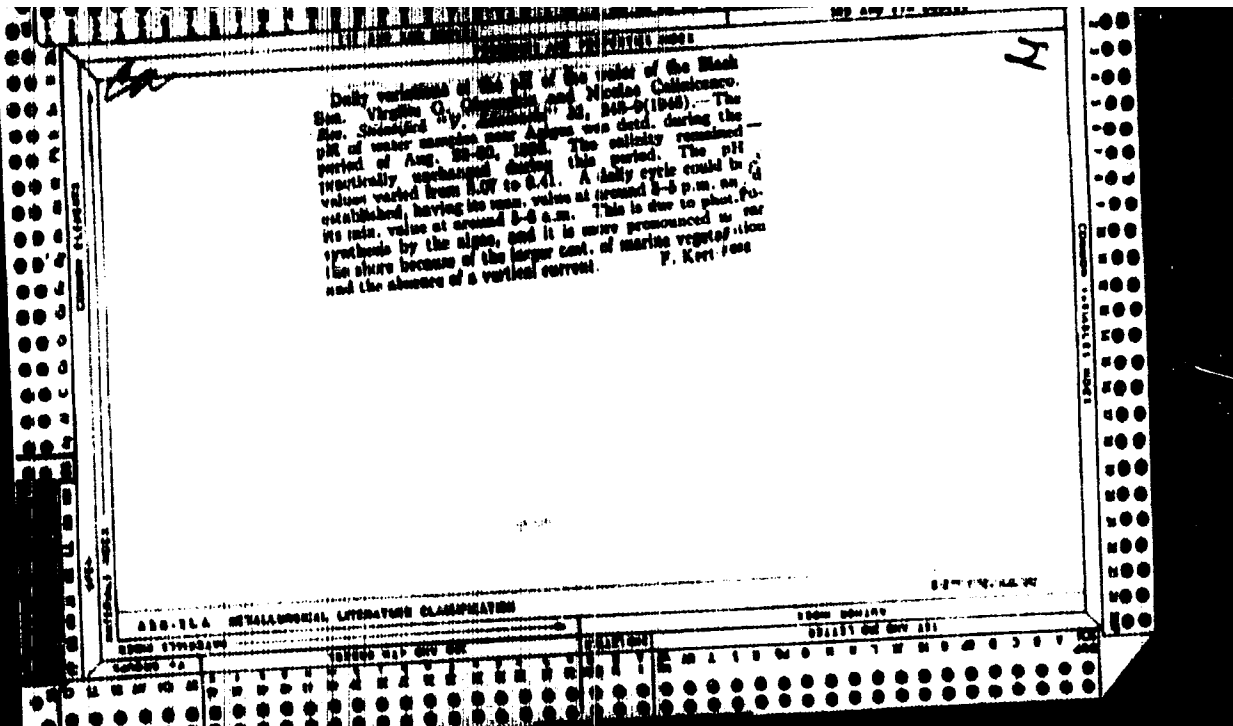
GHEORGHIU, V.B.

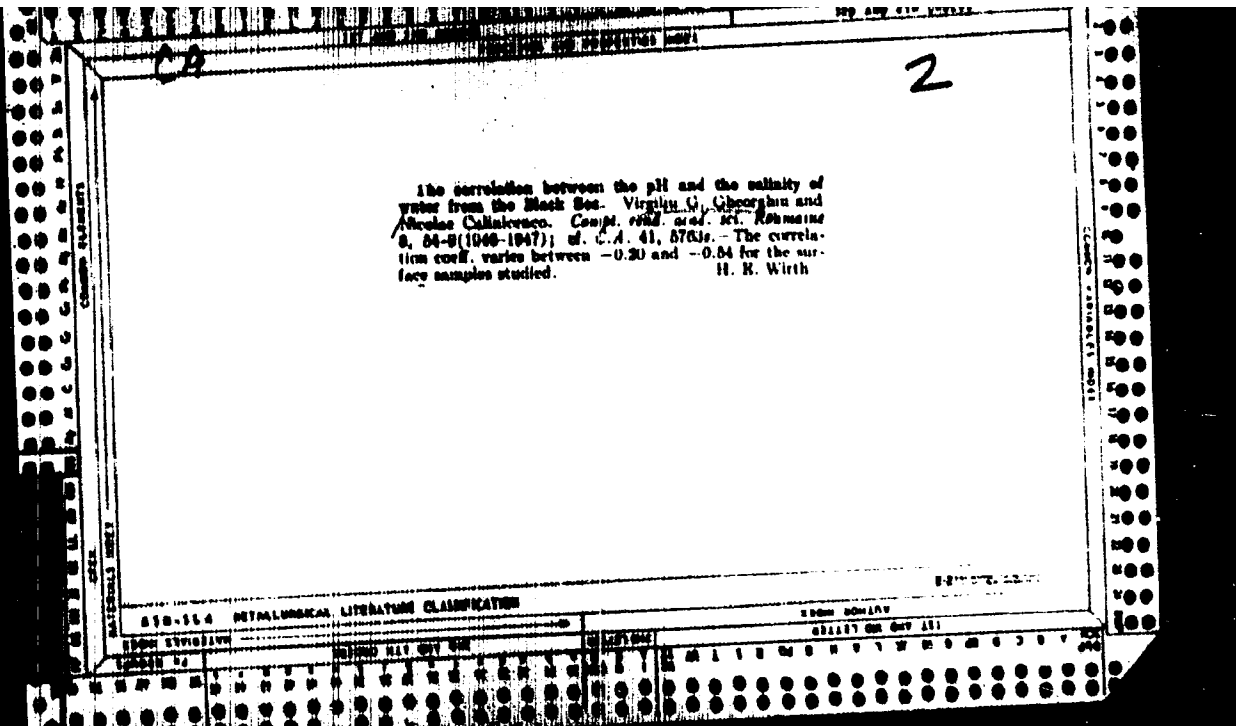
2

The pH values and salinity of the water of the Black Sea. Virginia D. Gheorghiu and N. Calabocescu (Polytech. School Cl. Jassi, 1967). *Rev. Stiintific "V. Adamachi"* 22, 43-4(1968) of C.A. 61, 4877g. — During the period Aug.—Sept., 1967, the pH and salinity of water sampled at Agiza, 10 km. south of Constanta, were detd. as a function of the time. A novel quinhydrone electrode was used for the detn. of the pH, and the salinity was obtained indirectly by measuring the elec. cond. of the sample with the help of a Kohlrausch bridge. The salinity varied within the limits of 19.5–19.9 g. per thousand, and the max. and min. pH values obtained were 8.35 and 7.99. These variations are caused by the influx of the water of the Danube river, the surface current of the sea, and the vertical circulation of the sea water. *Ibid.* 197-9. — Further data are given concerning the pH and salinity of samples taken from the Black Sea during the month of Aug., 1968. As previously observed, these actual values of pH and salinity seem to vary in opposite directions. François Kertész

ASB-ELA NEUTRALIZATION LITERATURE CLASSIFICATION

SECRET-SECRET





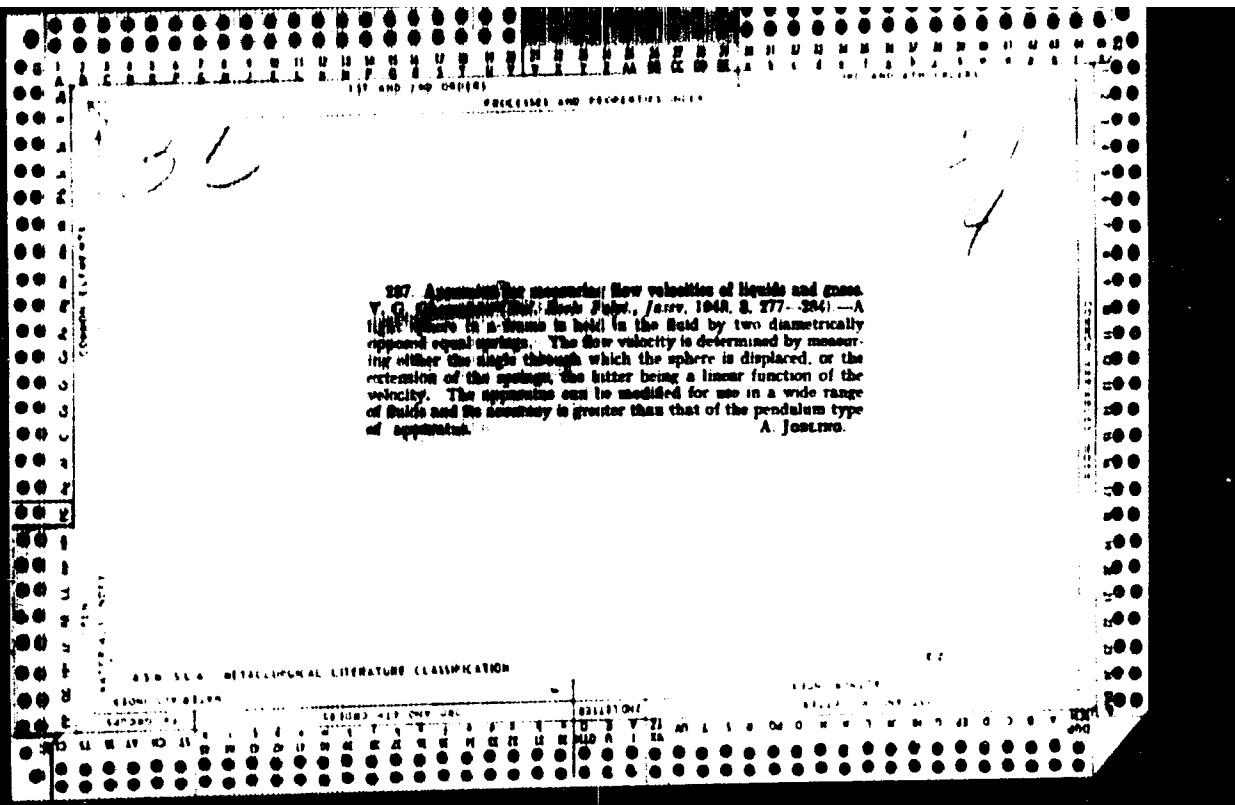
AMIN

Experimental methods
34

1000. V. G. Gheorghiu, "A new method of measuring friction coefficients (Sur une nouvelle méthode de mesure des coefficients de frottement)," *Bull. Ec. polyt. Jassy*, July-Dec. 1947, vol. 2, pp. 200-206.

A new method for simultaneous measurement of two coefficients of friction is described. The rubbing surfaces are constituted by three test specimens, one specimen being common to two pairs of surfaces, the frictional forces on it being balanced. No experimental data are given, so that it is not possible to judge the merits of the method.
H. Blok, Holland

148



35445
S/089/62/012/006/009/019
B102/B104

26 2245
AUTHORS: Bally, D., Gheorghiu, Z., Stadnikova, T.
TITLE: Total neutron cross sections for As, Se, Sb, and Te in the
energy range 0.0027 - 0.0100 ev
PERIODICAL: Atomnaya energiya, v. 12, no. 6, 1962, 514 - 519

TEXT: The cross sections measured by the authors have hitherto been studied only in the range $E_n > 0.01$. The measurements were made with and without a second collimator and using a neutron crystal spectrometer with a plane mica single crystal. An CHM-8 (SMM-8) counter filled with BF_3 was used as detector. The resolution $\Delta\lambda/\lambda$ of the instrument with two collimators was 0.015. The specimens were relatively pure, except Sb which contained about 1% impurities. Grain size varied between 0.8 and 50 μ . $\sigma = f(\lambda)$ is illustrated graphically. (1) As: The total scattering cross section was calculated by assuming 5 barns for the coherent scattering cross section, and 3 ± 0.6 barns was obtained for the incoherent one. The absorption cross sections for neutrons with 2200 m/sec were assumed to be 4.3 and 4.9 barns. (2) Se: The results are consistent with those of Card 1/2

Total neutron cross sections for ...

S/085/62/012/006/009/019
B102/B104

Egelstaff (AERE, N/R 1147). 12.5 barns was assumed as absorption cross section, and 10 barns as coherent scattering cross section. Hence, the incoherent scattering cross section was 4.5 barns. (5) Sb: The coherent scattering cross section was assumed to be 5.8 barns, and the absorption cross section 5.7 and 7.6 barns. Hence, the incoherent scattering cross section was 0.5 barn, the error exceeding 50 %. The scattering cross section for small angles and $E_n = 0.003 - 0.0045$ ev was ≈ 2 barns. (4) Te: ✓

For an absorption cross section of 4.7 barns and a coherent scattering cross section of 4 barns, an incoherent scattering cross section of 5 barns was obtained, the error being 10 %. There are 6 figures.

ASSOCIATION: Institut atomnoy fiziki AN Rumynskoy Narodnoy Respubliki
Bukharest (Institute of Atomic Physics of the AS of the
Rumanian People's Republic, Bucharest)

SUBMITTED: November 4, 1961

Card 2/2

GHEORGHIU, Z.

"Roentgenography of crystals; theory and practice" by A. Gin'ye.
Reviewed by Z. Gheorghiu. Studii cerc fiz 13 no.6:987-988 '62.

BALLY, D.; GHEORGHIU, Z.; STADNICOV, T.

Total cross section of As, Se, Sb, and Te for neutrons of energy between 0,0027 ev and 0,01 ev. Studii cerc fiz 15 no. 3:375 '64.

1. Institute of Atomic Physics, Bucharest.

GEORGITSE, Sht. I: Gheorghita, St. I.

Vortex intensity in viscous fluid in the presence of the heterogeneous porous bodies. Rev math pures 6 no.3:545-549 '61.

I. Bukharestskiy universitet im. K. I. Parkhona (C. I. Parhon)

GHEORGHITA, St. I.

On the vortex in a viscous fluid in the case of nonhomogeneous porous bodies. Comunicarile AR 11 no.7:801-806 '61.

1. Comunicare prezentata de Caius Iacob, membru corespondent al Academiei R.P.R.

MIHAIL, A., dr.; GHERASIM, I., dr.; VREJOIU, Gh., dr.; IOSIPESCU, A., dr.

Hemoperitoneum of non-traumatic hepatic origin. Med. intern., Bucur
13 no.2:281-291 F '61.

1. Lucrare efectuata in Clinica a III-a medicala si Laboratorul de
anatomie patologica. Spitalul "Coltea", Bucuresti.

(HEMOPERITONEUM etiology)
(LIVER NEOPLASMS complications)
(LIVER CIRRHOSIS complications)

GHEORGHIU, I. M., prof., ing.

New technique in the management of irrigation systems. Hidrotehnica
6 no.11:374-376 N '61.

1. Membru al Comitetului de redactie, "Hidrotehnica".

(Rumania--Irrigation)

GHEORGHIU, I.S

- References: (1) SECRET, 10/11/51, p. 11
1. Interference of the Political Situation in the Country's Economic Development (Reference No. 1) p. 11
 2. The Situation in the Country's Economy p. 11
 3. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11
 4. Interference of the Political Situation in the Country's Economic Development (Reference No. 1) p. 11
 5. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11
 6. The Role of the Collection of External Reserves in the Development of the Country's Economy p. 11
 7. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11
 8. Interference of the Political Situation in the Country's Economic Development (Reference No. 1) p. 11
 9. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11
 10. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11
 11. Actions of the Government of the People's Republic of Romania (Reference No. 1) p. 11

305
— 1/2 —

(18)

GHEORGHIU, Octavian Em.

On a matrix equation. Comunicarile AR 11 no.7:791-795 '61.

1. Catedra de matematici, Institutul politehnic, Timisoara. Comunicare prezentata de academician Miron Nicolescu, membru al Comitetului de redactie "Comunicarile al Academiei Republicii Populare Romine."

GHEORGHIU, Traian D.; SERBAN, D.; LITERAT, R.; MEITERT, St.

Increasing productivity of a cement-clinker rotary kiln of the Lepol type, based on the determination of the speed and way of passing of the material through the said aggregate by means of radioactive isotopes. Comunicarile AR 11 no.10:1179-1180 0 '61.

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

GHEORGHIU-TEICAN, Maria, dr.; MARINESCU, Speranta, dr.; COCIU, Mariana,
dr.; SIGHITEA, Elena, dr.

Study of erythrocyte fragility in malignant hemopathies. Med.
intern. (Bucur.) 16 no.6:735-740 Je'64

1. Lucrare efectuata in Institutul de medicina interna al
Academiei R.P.R. si al M.S.P.S. (director: acad. N.Gh.Lupu).

STOICHITA, Mihaela; GHEORGHIU-TEIGAN, Maria; GIOBANU, V.; PIRVU, Victoria;
VLADSCU, C;

Studies of blood coagulation changes in rheumatoid polyarthritis
and malignant collagen diseases. Stud. cercet. med. intern. 6
no.1:67-79 '65.

GHERASE, C.

FETCU, C., Dr.; GHERASE, C., chimist; DUMBRAVA, B., sora.

~~REDACTED~~
Renal function in epidemic hepatitis. Med. int., Bucur.
4 no.8:1162-1167 Dec 56.

1. Lucrare efectuata in Spitalul de stat -- Orasul Stalin.
(HEPATITIS, INFECTIOUS, physiol.
kidney funct. tests)
(KIDNEY FUNCTION TESTS, in various dis.
hepatitis, infect.)

GERASL, N.

Getic layer in the eastern part of the Godeanu Mountains.

Dari seama sed 48169-81 '60/61 [publ. '62]

GHERASI, N.; DIMITRESCU, R.

Geologic structure of the Ege-Papusa Massif (R. of Tiberius
Basin). *Dati soama sed* 49 p. [1963-25, 1963-62, publ. '64].

Submitted February 23, 1962.

PAUNESCU, C., Conf.; ANTON, M., dr.; POPESCU, P., dr.; GHERASIM, I., dr.; MARIN,
H.; THEODORESCU, B., prof.

Contributions to the problem of the association of subacute endo-
carditis with rheumatismal endocarditis. Med. intern., Bucur. 11
no. 12: 1833-1840 '59.

(ENDOCARDITIS, SUBACUTE BACTERIAL, complications)

(RHEUMATIC HEART DISEASE, complications)

POPESCU, P.; GHIGASIN, I.

Various aspects of chlorpromazine therapy of several disorders of the cardiovascular system. Med. int., Bucur. 9 no.9:1413-1422 Sept 57.

1. Clinica de boli interne I.P.S.M.F. Spitalul "Coltea".

(CARDIOVASCULAR DISEASES, therapy
chlorpromazine, indic., admin. & case reports)

(CHLORPROMAZINE, ther. use
cardiovascular dis., indic., admin. & case reports)

THEODOR~~ESCU~~, B.; POPESCU, Pompiliu; SEROPIAN, E.; GHERASIM, L.; BARBULESCU, Gh.

Considerations on a case of Takayashu syndrome with unilateral
absence of the pulse. Probl. card., Bucur. 4:35-44 '59.

(AORTA, diseases)

(ARTERITIS, case reports)

IDU, S.M.; STAN, Maria; MUNTEANU, Maria; POPESCU, P.; GHERASIM, L.; THEODORESCU, B.

The Kunkel test (KL 12) in hyperlipemia. Probl. card., Bucur. 4;
81-87 '59.

(LIPIDS, blood)

(CHOLESTEROL, blood)

(PHENOLS)

THEODORSCU, B., Prof.; POPESCU, P., dr.; IIU, S. M., dr.; STAN, M., chimist; NEGRUS,
I., dr.; GHERASIM, L., dr.

Contributions to the humoral study of coronary atherosclerosis.
Med. intern., Bucur 11 no.5:673-682 '60.

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea",
Bucuresti.

(CORONARY DISEASE metabolism.)

(LIPIDS, blood)

(CHOLESTEROL, blood)

(KIDNEY FUNCTION TESTS)

SEROPIAN, E., dr.; CIOCIRLIC, D., dr.; GHERASIN, L., dr.

Contributions to the study of corticotherapy in exudative pericarditis (10 cases). Med. int., Bucur. 12 no.1:63-71 Ja '60.

(PERICARDITIS, therapy)

(ADRENAL CORTEX HORMONES, therapy)

THEODORESCU, B., prof.; POPESCU, P., dr.; IDU, S.M., dr.; GHERASIM, L., dr.
COGIUMIAN, L.; NEGHUS, X., dr.; STAN, M.

Humoral investigations in coronary atherosclerosis. Med. intern.,
Bucur 12 no.7:1013-1020 JI '60.

(CORONARY DISEASE, blood) (WATER-ELECTROLYTE BALANCE)
(LIPIDS, blood) (CHOLESTEROL, metabolism)

THEODOR¹RESCU, B., prof.; POPESCU, P., dr.; MIKHAIL, A., dr.; GHERASIM, L.,
dr.; IOAN, Alex., dr.; NICULESCU, D.A., dr.

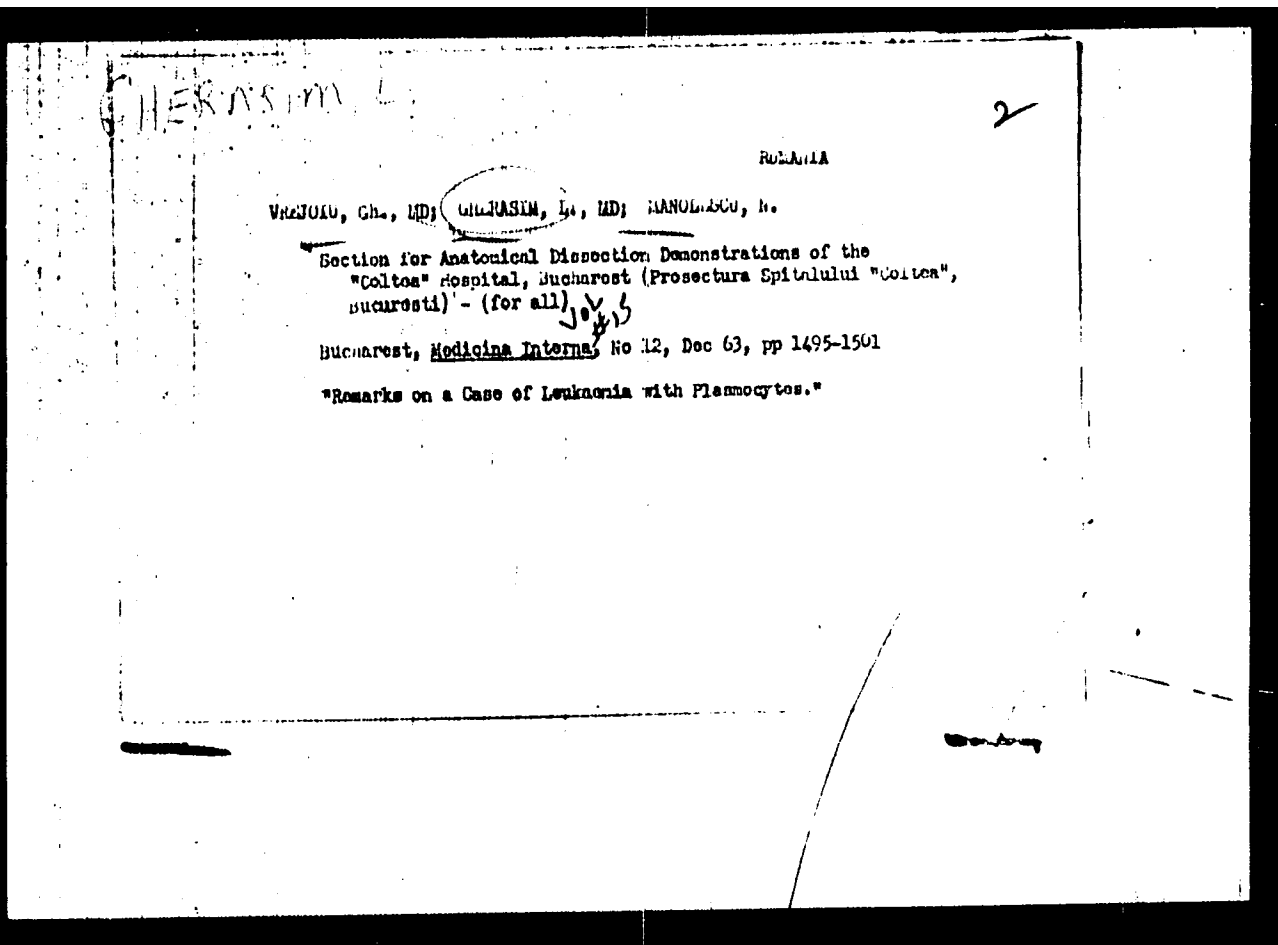
Clinical and etiological aspects in benign acute pericarditis. Med.
inter., Bucur 13 no.3:367-377 Mr '61.
(PERICARDITIS)

MIHAIL, A., dr.; POPESCU, P., dr.; GHERASIM, L., dr.; PETRESCU, Xenia, dr.

Considerations on 50 cases of myocardial infarct. Med. intern. 14
no.6:687-691 Jo '62.

1. Lucrare efectuata in Clinica medicala "Coltea" (director: prof.
Bazil Theodorescu).

(MYOCARDIAL INFARCT)



HUTTMANN, A.,; PASZTOR, P.,; GHERASIM, M.,; OJOCARU, L.,; CIRSTOCMA, I.,
; NICULESCU, M.,; TAPFET, E.,; STIFANESCU, C.R.,; MOSOIU, G.

Diagnosis and therapy of sciatica; clinical study of 100 cases.
Probl. reumat., Bucur. Vol. II.:49-84 1954.

(SCIATICA

etiol, differ. diag. & ther.)

(INTERVERTEBRAL DISK DISPLACEMENT, compl.

sciatica, differ. diag. & ther.)

(POSTURE

in ther. of sciatica caused by intervertebral disk
displacement)

(PHYSICAL THERAPY, in various dis.

sciatica caused by intervertebral disk displacement)

EXCERPTA MEDICA Sec.9 Vol.11/12 Surgery Dec 57

Gherasim, M.

6660. GHERASIM M., MOLNAR S., STINGHE FI. and BLEAHU M. *Date statistice și rezultatele noastre chirurgicale în arteriopatiile cronice trombo-spastice ale membrului inferior. Statistical data and personal results in the surgical treatment of thrombo-spastic chronic arteriography CHIRURGIA (Bucuresti) 1956, 5/2 (237-250) Tables 19
This study is based on 72 cases treated and followed up for 5 months. As regards the physiopathological mechanism of the disease, there are different terminologies and interpretations. Endarteritis obliterans presupposes an infectious factor which it was possible to demonstrate in only 14% of the cases. The term thrombo-angiosis

6660

CONT.

presupposes trophic degenerative lesions provoked by bio-humoral, endocrine or toxic factors. All these aetiological factors influence the organism through a nervous mechanism responsible for the progress of the disease once its onset has been provoked by the viscerocortico-visceral reflex, the anatomo-functional basic condition in this disease. For cases of this description, the term 'chronic thrombospastic arteriopathy' is proposed; the therapeutic attitude should be aetiological treatment and interruption of the nociceptive reflex by lumbar procain block, lumbar ganglionectomy or arterioectomy, etc. The functional classification of the clinical forms leads to conclusions with regard to prognosis and treatment: First stage of arteriopathy, compensated, with pain and fatigue of the legs, faint pulse, oscillometric index 0-2 and intermittent claudication on long distances. Second stage of arteriopathy, with beginning decompensation, with the same symptoms and more frequent claudication, after less than 200 m. Third stage of arteriopathy, with severe decompensation, when pain is present even when the subject rests, and during the night. Fourth stage, with irreversible decompensation, and with the appearance of gangrene. The therapeutical results and the prognosis depend therefore on the functional stage of the disease and not at all on the aetiology. Several instructive tables are added. Theodoreseu - Constance

GHERASIM, M.

EXCERPTA MEDICA Sec.18 Vol.2/4 Cardiovascular Dis. Apr 58

1263. *Treatment of the postthrombophlebitic syndrome by venous ligation. Considerations on 22 cases operated upon* Ligatura venoasă în tratamentul sechelelor trombozei venoase. Constatări pe 22 de cazuri operate. GHERASIM M. and BLEAHU M. Serv. de Chir., Spit. Unificat nr. 1 și 2, Orașul Stalin *Chirurgia (București)* 1956, 5/4 (603—606)

Bauer's operation without phlebomanometry and phlebography is performed when the diagnosis of thrombophlebitic sequelae is clinically evident; or in cases of varices, because the test in which the patient is made to walk with a tourniquet is sufficient to differentiate between essential varices (which empty themselves) and varices secondary to deep thrombosis (which do not empty themselves). Determination of the seat and length of the thrombosed segment is useful, for the ligation is always made on the same place (popliteal or femoral in Hunter's operation) to relieve the leg which suffers most. The conclusions reached in 22 cases followed up for 1-5 yr. are the following: The results are the same whether ligation or limited resection of the vein, by operating on the femoral vein in Hunter's canal below or above the popliteal, is performed. The results are better when sympathectomy is carried out at the same time in cases of associated arterial spasm. The symptoms are not equally affected by the operation: diminution of the oedema was obtained in 23% of the cases, of the pain in 66% and cure of the ulcer in 87%. The immediate results were satisfactory in 62%.

Gherasim - Orașul Stalin (XVIII, 9)

GHERASIM, M.; STINGHE, F.; NECSULESCU, N.; PANESCU, A.

Retroanastomotic hernia (with reference to 5 cases). Rumanian M Rev.
no.4:63-67 '61.
(GASTRECTOMY compl.) (HERNIA stiol.)

GHERASIM, P.

GHERASIM, P.

Information on the Gherasim family is available in the following sources:
1. The Ministry of the Interior, Bucharest, Romania, file no. 1000/1000/1000.

2. The Ministry of the Interior, Bucharest, Romania, file no. 1000/1000/1000.

3. The Ministry of the Interior, Bucharest, Romania, file no. 1000/1000/1000.

GHEPASE, P.

TECHNOLOGY

Periodicals: *INDUSTRIA SI CONSTRUCCIA DE ASIA*. Vol. 10, no. 6, June 1958

GHEPASE, P. Achievements of one decennium, 1948-1958. p. 461

Monthly List of East European Accessions (EEAI) LC, Vol. 1, No. 2,
February 1959, Unclass.

CHERASIM, P.

Fifteen years of development of Rumania's economy. p. 649.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice
si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si
Technicienilor din Rominia) Bucuresti, Rumania
Vol. 11, no. 7, July 1950

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2 Feb. 1950⁶

Uncl.

RUMANIA/Optics - Physical Optics.

K.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 16472

Author : Geloveenco, I., Gherasimescu, E., Itleavici, A.

Inst : -

Title : Investigation of the Depolarization of Light by Organic
Dyes

Orig Pub : An. st. Univ. Iasi. Sec. I., 1957, 3, No 1-2, 275-280

Abstract : The Umov effect was investigated for various organic
dyes. It is shown that films dyed with organic substan-
ces depolarize selectively the transmitted light.

Card 1/1

WASSERMAN, L.; DIMITRIU, S.; GAVRILITA, L.; GHERASIMESCU, I.

Contribution to the study of the extranevous morphological
changes in acute poliomyelitis. Stud. cercet. inframicrobiol.,
Bucur. 10 no. 4:471-485 '59.
(POLIOMYELITIS, pathology)

GERASIMOV, I.P.

Theoretical and practical tasks of Soviet geography in its present stage of development. *Analele geol geogr* 7 no.1:54-61 Ja-Mr '64.

DICHTER, I., dr.; GHERASIMESCU, I., dr.; BAICHIS, L., dr.

A case of pleural mesothelioma. Med. intern. (Bucur.) 17 no.1:
117:121 Ja '65

1. Lucrare efectuata in Sanatoriul de tuberculoza, Birlad.

GHERBANOVSKI, N.

"The Stakhanovite Movement Among Automobile Drivers in Rumania." p. 79

"A Motorcycle Training and Sport Garage." p. 82

"Brakes of Motorcycles with Sidecars." p. 83

"A Word to Tractor Operators." p. 84 (Svet Motoru, Vol. 7, no. 139, Feb. 1953,
Praha)

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, / ^{Vol. 3, No. 3} Library of Congress, March ¹⁹⁵⁴ ~~1953~~, Uncl.

GHERBANOVSKI, N., ing.

Centralization of transportation and organization of dispatching, two basic conditions for improving the motorcar transportation of wares. Rev transport 8 no. 7:303-310
Jl '61.

GHERBANOVSKI, N.

~~Trends~~ in the development of construction and operation of the motor rolling stock used for goods transport in the light of the Directives of the 22d Congress of the Soviet Union Communist Party. Rev transport 9 no.9:365-369 S '62.

GHERCULESCU, D. (Dr.)

POPESCU, C., Professor; BRAILEANU, Cl., Pharmacist; STANESCU, V., Pharmacist;
FICA, Cornelia, Pharmacist; PANDELE, A. Dr; GHERCULESCU, D. Dr

Rumania

1. Faculty of Pharmacy (Facultatea de Farmacie) (for POPESCU, BRAILEANU,
STANESCU, FICA). 2. The Ilie Pintilie Hospital (Spitalul "Ilie Pintilie")
(for PANDELE and GHERCULESCU)

Bucharest, Farmacia, No 11, Nov 62, pp 667-672

"The Utilization of 'Undecienatul de Ortooxichinolaina' in Gynecology"

(6)

CUREA, I.; MIHAILESCU, Dtr.; TORO, E.; CUREA, O., prof.; BERCEI, E.;
GHEREGA, O.; JURA, C., conf.; OHANOVICI, N.; SINITEANU, D., asist.;
LAMOTH, P., conf.; POLICEG, A., asist.; MARIENUT, U., asist.;
STURZ, I.; OITA, V.; BAEA, R.; MUNTEANU, A.; SCHIFF, A., asist.

Total solar eclipse of February 15, 1961. Studii astron seismol 7
no.2:247-258 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de astronomie
si seismologie" (for I. Curea). 2. Studenti la Institutul Pedagogic
Timisoara (for Bercei and Gherega).

FIRU, P., conf.; DIACONESCU, M., dr.; CRISTEA, E., in.; CHEREA-NEGRU,
Adina, dr.; CRISTEA, Iulia

Various stomatological aspects of rickets in preschool children.
Stomatologia (Bucur) 12 no.2:13-148. Mr-Apr'65.

1. Lucrura efectuată în Clinica de stomatologie infantilă
Institutul medico-farmaceutic, București (cof. editării:
conf. P. Firu).

GHERGA-NEGREA, Adina, dr.; RACOVEANU, N., dr.; BINICA, St., dr.

Odontological studies in an area with a higher natural radio-activity background. Stomatologia (Bucur.) 12 no.5:385-395 '65.

1. Lucrarea face parte din cercetarile complexe intreprinse sub conducerea acad. St. M. Milcu in cadrul Comisiei de radiobiologie a Academiei Republicii Socialiste Romania.

STOICOVICI, E.; GHERGARIU, L.; MIRZA, I.

Studies of some diagenetic phosphorite appearances in Rumania.
Studii cerc geol 7 no.3/4:577-595 '62.

MIRZA, I.; GHERGANIU, I.

Observations on the sites in the Cretaceous chalk in Southern
colruja. Studia Geol. Geogr. 8 no.204-14 '63

1. Universitatii "Alb" - Balneol. Cluj.

MIRZA, I.; GHERGARIU, L.

The Valea Chioarului (region of Maramures) bentonite; preliminary
note. Rev min 14 no.1:41-43 Ja '63.

GHERGHE, Marin, ing.

Efforts which brought good results. Constr Buc 15 no.723:2
16 N '63.

1. Seful sectiei de var din Sinaia.

DAVID, Vladimir M., ing.; STANESCU, Dumitru, A., ing.; BIMBEA, I., ing.
CALINESCU, I., ing.; GHERGHEL, C., ing.; PAVEL, Gh., ing.;
TAFLAN, M., ing.; BOSTAN, V., ing.; KABA, E., ing.

Manufacturing metallurgic coke from gas coal by the
classic method. Metalurgia Rum 15 no.5:338-345 My '63.

KABA, Emeric, ing.; LIVEANU, Nicolai, ing.; GRINDEANU, Alexandru, ing.
GHIBRIGHEL, Cornel, ing.; MARINUT, Miron;

Improving the determination of coal mixture for coking.
Metalurgia Rum 15 no.5:345-347 My '63.

SMERUCEL, F.

Preparation of some α -hydroxyacetyl esters by a reaction of hydroxyacetylation of phenols with acyl chlorides. p. 111.

STUDII SI CLASIFICARE DE COMPOZITII
Vol. II, no. 1/2, Jan./June 1968
Bucuresti

Source: Hartmann, Annals of the Institute of Chemistry, Vol. 10, no. 10, Oct. 1968.

GHERGHEL, FLORICA

RUMANIA / Chemistry of High Molecular Substances. I.

Abs Jour : Referat. Zhurnal Khimiya, No 4, 1958, 13396.

Author : I. Minter, Florica Gherghel.

Inst : Not given

Title : Kinetics of Combined Catalytic and Hydrolytic Influence of Traces of Water in Process of Caprolactam Polycondensation.

Orig Pub : Rev. chim., 1957, 8, No 7, 480-487.

Abstract : The kinetics of caprolactam polycondensation in the presence of traces of water (0.5 to 2%) and co-catalysts (acetic acid, ϵ -aminocaproic acid, hexamethylenediammonium adipate) was studied. The polycondensation was carried out under pressure, H_2O being eliminated during the process, in a closed vessel, H_2O being present in the reaction medium. Also the hydrolysis of polycaprolactam in a closed vessel in the presence of traces of H_2O is described.

Card 1/1

thetic Fibers.

Referat. Zhurnal Khimiya No 23. 1958. 79813.

G/004/02/009/011/003/004
DC 29/DIC 9

AUTHORS: Mihail, R., Kombaum, S., Chergel, F., and Stănescu, M.

TITLE: Modification of polyvinyl chloride by compounding with chlorinated polyethylene. II. Compounding of polyvinyl chloride with chlorinated polyethylene. Mechanical-physical properties of the compounds.

PERIODICAL: Plaste und Kautschuk, v. 9, no. 11, 1962, 536 - 539

TEXT: PVC was compounded with chlorinated polyethylene (CPE) by first plasticizing PVC for 5 min by rolling, after which the CPE was applied to the mixing cylinder and both polymers were rolled for another 5 min. This procedure produces an homogenous mixture with higher physical-mechanical properties than if both polymers were applied simultaneously. CPE containing 35 - 45 % chlorine is most suitable for obtaining a highly impact-resistant PVC compound. CPE containing 40 - 45 % chlorine is to be preferred if a high transparency of the compound is desired. The authors state theories on PVC compounding, which are based on Western publications. Conclusions: Compounded PVC is easier to be processed than hard PVC. It flows better even at a temperature which is 10-15°C lower than that used for processing hard PVC. PVC/CPE compounds can be used in all cases where

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G/004/62/009/011/003/004
2029/D109

Modification of polyvinyl

hard-PVC shows poor strength results, especially at low temperatures. Examples: Pressure pipes in the open air or in unheated rooms, transparent roofs, balcony railings, jerry cans for fuel or lubricants. The 35.- 50 % CPE compounds are suitable, on account of their elasticity and electric properties, for the insulation of cables and conductors. They have a higher resistance against oils, gasoline, and solvents than PVC with conventional plasticizers. They remain elastic since they are free from volatile and wandering components. The higher cost of production of such compounds is balanced by the better quality and the improved possibilities of application. There are 3 figures and 4 tables. ✓

ASSOCIATION: Forschungsinstitut für Chemie (Research Institute for Chemistry), Bucharest (Rumania)

SUBMITTED: November 16, 1961

Card 2/2

140294

S/081/62/000/014/028/039
B166/B144

15.8080

AUTHOR: Gherghel, Florica Elena

TITLE: Cyanoethyl polyamides and methods of producing them

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1962, 626 - 627,
abstract 14P195 (Romanian Patent 41288, July 30, 1960)

TEXT: Cyanoethyl polyamides (CP) are produced by substituting an H atom in the amide group by a side chain formed by the cyanoethyl group when acrylonitrile acts directly on polyamides. To obtain CP, a polyamide (polycaprolactam, polyhexamethylene adipamide, a copolyamide or a partially substituted polyamide) in the form of a powder, granules, fiber or filament in solution or in suspension is treated with acrylonitrile in a dilute inert solvent (dioxan, benzene, etc.), or without it, at 90°C, by stirring in the presence of basic-type catalysts such as the hydroxides of the alkaline metals, quaternary ammonium bases, etc. Alternatively, acrylonitrile polymerization inhibitors such as phenyl- β -naphthyl amine, etc. can be used. This makes it possible to get CP with various degrees of substitution, i.e. polyamides with varying amounts of cyanoethyl

Card 1/2

Cyanoethyl polyamides and...

S/081/62/000/014/028/039

B166/B144

groups in the macromolecular chain. In practice all the H atoms in the amidogroups can be substituted. Example. 4 g of polycaprolactam powder (precipitated with water from a HCOOH solution are suspended in a solution made up of 10 ml acrylonitrile in 50 ml dioxan stabilized with 0.5% of phenyl- β -naphthyl amine. This is heated, after the addition of 0.4 g of powdered NaOH, at 75 - 77°C for 1 hr stirring continuously. The mixture is cooled, filtered, washed with water and then with acetone until the latter ceases to be colored; then dried in vacuo in a drying oven at a temperature of 50 - 60°C. This produces 8.5 g of CP in the form of a yellowish powder containing 6.5% nitrile Ni and 16.3% general Ni; the degree that H atoms in the amido groups are substituted by cyanoethyl groups amounting to 70%. The CP produced in the manner patented here combine the properties of polyamides and polyacrylonitriles. [Abstracter's note: Complete translation.] X

Card 2/2

GHERGHEL, Florica-Elena

Reactions of polycaprolactam chemical modification. Pts 1-2.
Studii cerc chim 11 no.1:117-148 '63.

1. Institutul de Cercetari Chimice al Ministerului Industriei
Petrolului si Chimiei, Bucuresti.

1 33332-66 EWP(1)/EII/EWP(k) JD
ACC NR: AP6024584

SOURCE CODE: RU/0017/65/000/005/0257/0262

27
3

AUTHOR: Gherghol, M.---Gergel, M.

ORG: "Stoagul Rosu" Works, Brasov (Uzinele "Steagul Rosu)

TITLE: Method of calculating the ingates for grey cast iron pieces

SOURCE: Metalurgia, no. 5, 1965, 257-262

TOPIC TAGS: cast iron, metallurgy

ABSTRACT: The author determined the volume of ingates for grey cast iron pieces according to Dubitski's equation. The use of this method is shown to result in lower cast iron consumption per ton of cast pieces. Orig. art. has: 4 figures, 10 formulas, and 4 tables. [JPRS]

SUB CODE: 11 / SUHM DATE: none / ORIG REF: 004 / SOV REF: 001
OTH REF: 001

Card 1/1 U6 R...

UDC: 621.746.395.4:621.741.2

0915 2217

GHERGHEL, Mihai

Effectiveness of sodium silicate as binding material of cores.
Metalurgi constr mas 13 no.12:1028-1031 N '61.

GHERGHESCU, Alina

Study on the processes of metal-solution interface in the
Cd/Cd (NO₃)₂ system with Cd¹¹⁵ as a tracer. Studii cerc fiz
14 no.6:755-761 '63.

1. Institutul de fizica atomica, Bucuresti.

FITI, Maria; GAINAR, I.; GHERGHESCU, Ileana; GIRD, E.

Possibility of applying ion exchangers in the catalytic reaction of acetylene hydration. Studii cerc chimie 10 no.2:243-249 '62.

1. Institutul de fizica atomica, Bucuresti.

RADU, I.F.; CHERONI, A.

The catalase of plants. III. Dynamics of the activity of the catalase
in trees by phenological phases. Studii cerc biol veget 11 no.3:
281-301 '59.

(Catalase)

(Phenology)

(Trees)

(EEAI 10:3)

OPERATIONAL, A., candidate in training

The 1st; protector of interests. St. al Teh. No. 16 re. 92/10/01
3 001

1. Research and Experiment Station, Pilsen.

GHERGANDER, ROSA

... (Mannich D), C. N.
... and Ruth Cherninoy. Comm.
... The extra-
... yeast has been studied, and a
... has been developed which
... 1 kg. of dry yeast is used.
... 80 l.
... KOH; 1 l. H₂O, 1 kg.
... under reduced pressure
... 18 l., is dild. with 18 l.
... the Et₂O ext. is ac-
... washed 3 times with 1-l.
... the residue is
... filtered off giving 10
... Three g. of I in 20 ml. Ph-
... irradiated
... for this purpose the solu. is
... through a funnel over a series
... in a CO₂ atm., passing over
... K. I. R.

RUMANIA/Chemical Technology - Chemical Products and Their Applications - Drugs, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37180
Author : Polovrageanu, I., Isfric, E., Gherghino^f, R.
Inst : -
Title : New Contrasting Materials Prepared from Benzoic Acid.
Iodoren (Acetrizic Acid).
Orig Pub : Farmacia (Romin) 1957, 5, No 4, 375-380
Abstract : Synthesis of a new contrasting material "Iodoren"
(3-acetylamino-2,4,6-triiodobenzoic acid) is described.
"Iodoren" is characterized by low toxicity, high iodine
content and a marked tendency for darkening. It is used
in X-ray diagnosis.

Card 1/1

1. HERGHINOV R.
RUMANIA / Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77623.

Author : Polovrageanu, I., Gherghinof, R., and Istric, E.
Inst : Not given.

Title : Helografin-N, N-adipyl-bis-(3-amino-2,4,6-triiodo-
benzoic) Acid.

Orig Pub: Farmacia (Romania) 6, No 2, 187-190 (1958) (in
Rumanian with summaries in German, French, English,
and Russian).

Abstract: A new contrasting medium has been synthesized for
internal use in X-ray studies of the intra- and
extrahepatic bile ducts. The new compound has
the formula $(3\text{-HOOC-}2,4,6\text{-I}_3\text{ C}_6\text{ HNHOC(CH}_2)_2)_2$ (I)
and has been named helografin. It is synthesized
by the reaction of $\text{ClOC(CH}_2)_4\text{ COCl}$ (II) with two
molecules of $3\text{-HOOC-}2,4,6\text{-I}_3\text{ C}_6\text{ HNH}_2$ (III); 0.5

Card 1/2

SHENK, A.

SHENK, A. On 2100, the military... efficiency and... The winter... 1.

Vol. 1, No. 30, 1977

SECRET

TOP SECRET

Encls

See: East European Commission, Vol. 1, No. 1, 1977

SHCHIL, A.

Three initials, A.P.U.; Atelierele de Prototipuri si Utilaje (Workshops for Prototypes and equipment). P. 1.
(CONSTRUCTORUL. Vol. 9, no. 375, Mar. 1957, Bucuresti, Rumania)

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

GENERAL, A.

Current and prospects.

p. 1 (Constructional. Vol. 1, no. 77, Apr. 1957. See next, 10-1957)

Monthly Index of East European Accessions (SSE) II. Vol. 7, no. 1,
February 1957

GIRTEL, A.

255,000 kilometers without repair. p. 2.
(CONSTRUCTIFUL. Vol. 9, no. 380, Apr. 1957, Bucure. ti, Rumania)

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

~~SECRET~~

A new gas line will very soon start to function.

p. 3 (Construction. Vol. 3, no. 385, June 1957. unclassified, correct)

Monthly Index of East European Accessions (1957) Vol. 7, no. 2,
February 1958

GHERITAE, A.

SECRET, A.

The "Secret" of the Director.

N. S. (GHERITAE) (Therapeutic, Throat) Vol. 1, No. 1, 1970

For "Secret" of the Director and European Commission (CIA) 1970, No. 1, 1970

GHERLING, E.K.; SUKOLIUKOV, I.A.

Computing the age of minerals by the method $\frac{Pb}{U}$ according to the
radioactive minerals which contain ordinary lead. Analele geol
geogr 17 no.1:57-65 Ja-Mr '63.

GHERLING, E.K.; SUKOLIUKOV, I.A. [Shukolyukov, Yu. A.]; KOLTOVA, T.V.
[Kol'tnova, T.V.]; MATVEVA, I.I. [Matveyeva, I.I.]; IAKOVLEVA,
S.Z. [Yakovleva, S.Z.]

Determination of age of basic rocks according to the K/Ar method.
Annale geol geogr 17 no.3:32-40 JL-S '63.

PASTIU, V.; SYNT, M.; GHERMAN, A.; MALITCHI, E.; MIHAILESCU, V.

Cardiac insufficiency in mitral stenosis. Probl. card., Bucur.

4:301-312 '59.

(MITRAL STENOSIS, complications)

(HEART FAILURE CONGESTIVE, etiology)

SZANTAI, I.; GHERMAN, Cornelia

Decontamination device for radioisotope laboratories. Rev chimie
Min petr 14 no.3:161-163 Mr '63.

HOLAN, T. conf.; DIMITRESCU, Gr.dr.; FARCASANU, M., GHERMAN, C., fiz.;
SZASZ, A.dr.

New data on the clinical diagnosis and therapy of hyperfunctioning thyroid adenoma. Med. intern. 16 no.2:153-161 F'64

1. Lucrare efectuata in Sectia de medicina nucleara Cluj,
(director: conf.T.Holan).

*