

CHIOKHINA, I.N. [Ciochina, I.N.]

Equation for calculating the heats of formation of electrolytes
and the heats of ionization of chemical elements. Zhur. fiz. khim.
30 no.11:2441-2443 # '56. (MLRA 10:4)

1. Politekhicheskiy institut, Rumyniya, g. Yassy.
(Heat of formation) (Electrolytes) (Ionization)

SECRET (11) - CIV.

An equation for the calculation of the heat of formation of electrolytes and the heat of ionization of the elements. I. G. Crociana (Rumanian Polytech. Inst., Jassy). *Zhuravskii* *ibid.* 2311-3 (1957).—An analogy exists between the ionization of atoms in the gaseous state and in very dil. solns., caused in both cases by the elec. field potential. The equations derived give results in good agreement with exptl. values.

W. M. Sternberg

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SCHACHTER, A.; MAXIMILLIAN, V.; PAPAAGI, E.; CIOCHINA-BANESCU, C.

Difficulties and errors in diagnosis of bronchopulmonary cancer.
Stud. cerdet. med. intern. 3 no.2:-24 '62.

(LUNG NEOPLASMS diagnosis) (BRONCHI neoplasms)
(CARCINOMA, BRONCHOGENIC diagnosis)

TURAI, I., prof.; PAPAHAGI, E.; MAXIMILLIAN, V.; ~~GIOCHINA-BANESCU, C.;~~
STEFANESCU, V.; JERGAN-ALBU, M.; PETRESCU, C.; CHIRSA, B.;
ROSALA, E.

Paresis of the right diaphragmatic dome. Rumanian M Rev. no.2:
63-66 Ap-Je '60.

(DIAPHRAGM diseases)

CIOGIRDEL, Fl., ing.; PRICOP, Gh., ing.; TUDOR, C., ing.

Filters for water wells. Gravel filters whose surface is consolidated with bakelike binder. Hidrotehnica 7 no.3:85-89 Mr '62.

L 38581-66

ACC NR: AP6027676

SOURCE CODE: RU/0024/66/000/001/0016/0021

AUTHOR: Ciocirdel, R. (Doctor; Bucharest)

ORG: none

31
B

TITLE: Recent movements of the earth's crust -- a target of modern geology

SOURCE: Natura. Seria geografie-geologie, no. 1, 1966, 16-21

TOPIC TAGS: Earth crust, geology, earthquake

ABSTRACT: The author discusses vertical movements of the Earth's crust in the territory of Rumania, as evidenced by the deposit of lithologically non-uniform sediments caused by differing paleographic conditions, and the deformation of sedimented deposits determined by their approach to the depressing areas outside the Carpathian arch. On the basis of the findings, the author concludes that earthquake centers in Vrancea Regiune are in an area having many structural units with differing tendencies of movement in contact with each other. [Based on author's Eng. abst.] [JPRS: 36,457]

SUB CODE: 08 / SUBM DATE: none

Card 1/1

CIOCIRDIA, C

POTOP, I.; FELIKS, Ye.; CHOKYRUYA, K. [Ciocirdia, C.]

Biochemistry of the thymus gland. Biokhimiia 24 no.2:357-363 Mr-Apr
'59. (MIRA 12:7)

1. Institut endokrinologii AN Rumynskoy Narodnoy Respubliki, Bu-
kharest.

(THYMUS, extract,
off. (Rus))

MILCU, St.M., academician; DANILIA-MUSTER, Aneta; DRAFTA, Denise; GIOCIRDIA,
Cezarina; OPRESCU, Marcela; BUSILA, Eugenia

New function tests for exploration of the ovaries in hyperfolliculinism.
Stud. cercet. endocr. 14 no.2:253-259 '63.

(OVARY) (PHYSIOLOGY) (ESTROGENS) (STERILITY, FEMALE)
(GONADOTROPINS, CHORIONIC)

ROUMANIA

MILCOU, S.M.; FOTOP, Isabella; CIOCIRDA, Cezarina;
NEACSU, C.; SIMONESCU, R.

Endocrinological Institute (Institutul de Endocrinologie) Bukarest (all)

Berlin, Acta Biologica et Medica Germanica, No.3, 1963, pp 371-377

"The Influence of Thymus Application and Experimental Athymie on
Serum Proteins of Rabbits"

5

DRAFTA, Denise; CIOCIRDIA, Cazarina; OPRESCU, Maria; BUSILA, Eugenia;
CRISTOVEANU, Ana; TAGHE, Alina; BUNEA, Minodora

New methods of steroid determination for use in clinical endocrinology.

Stud. cercet. endocr. 14 no.1:63-74'63.

(STEROIDS) (ENDOCRINOLOGY) (DIAGNOSIS) (URINE)
(BLOOD CHEMICAL ANALYSIS) (CHROMATOGRAPHY)

MILCU, St.-M.; DRAFTA, Denise; MAICANESCU, Madeleine; TACHE, Alina;
CIOCIRDIA, Cezarina; STROE, Emilia; OPRESCU, Maria; SUCIU,
Eugenia; CRISTOVEANU, Ana

Functional capacity of Leydig cells studied with the Jayle test
in several testicular syndromes. Stud. cercet. endocr. 15 no.6:
555-562 '64.

CIOGIRLAN, C.

TECHNOLOGY

Periodical: STUDII SI CERCETARI STIINTIFICE Vol. 4, no. 2/1957

A comparative study of two shock valves applied to hydraulic rams. p.59.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 3,
March 1959, Unclass.

BARGLAZAN, A. [deceased]; SISAK, E.; CIOCIRIAN, C.

Corrections for the measurements of resistance force of the profiles in the hydrodynamic tunnel MHT. Studii tehn Timisoara 8 no.3/4:171-181 J1-D '61.

GYULAI, F.; POTENCZ, I.; CIOCIRLAN, C.

Some optical and acoustic observations on the cavitation phenomenon
in axial pumps. Studii tehn Timisoara 9 no.1/2:37-42 Ja-Je '62.

GYULAI, F.; ANTON, Viorica; ANGHEL, A.; DOBINDA, V., ing.; CIOCIRIAN, C.

Station for the experimental research on axial pumps. Studii tehn
Timisoara 9 no.1/2:153-161 Ja-Je '62.

1. Secretar stiintific al Comitetului de redactie, "Studii si
cercetari, Stiinte tehnice" - Timisoara - (for Hobinda).

GYULAI, F., mernok; POTENCZ, I., mernok; CIOCIRLAN, C., mernok;
LAMBERG, Gyorgy [translator]

Testing cavitation characteristic curves on wing-blade
pumps. Gep 16 no. 3:86-90 Mr '64.

1. Laboratory of Hydraulic Engineering, Rumanian Academy of
Sciences, Timisoara (for Gyulai, Potencz, Ciocirlan).

GIOCIRLAN, Gheorghe, irg.

The Bahlui River was controlled. Constr Buc 17 no.784:3
16 Ja '65.

1. Director of the Directorate of Siret-Prut Water
Management.

CICCIRLAN, N.

Reparis and consolidation of bridge metallic aprons without using scaffolding. p.287.

REVISTA CAILOR FERATE. (Calle Ferate Romine)
Bucuresti, Rumania
Vol. 7, no. 6, June 1959.

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

CIOCIRLAN, N., ing.

Fight against the corrosion of metallic decks. Rev cailor fer 10
no.10:542-548 0 '62.

1. Directia intretinerii caii.

CIOCIRLAN, N., ing.

Fixed constructions executed for exploitation of a ferryboat. Rev
cailor fer ll no.2:76-81 F '63.

1. Directia intretinerii si constructii C.F.

GIOCIRLAN, No, ingo,

Mechanization of loading and unloading of construction materials.
Rev sailor for ll no.5:255-269 My 163.

1. Directia L.

Ciocirlan, N., ing.

Welded metallic superstructures of railroad bridges. Rev caller
fer ll no.10:570-576 0 '63.

CIOCIRLAN, N., ing.

Use of bolts of high resistance, working by friction, on
metallic railroad bridges. Rev caillor fer 12 no. 1: 10-14
Ja '64.

GLOGIRLAN, N., ing.; IONESCU, C., ing.

Works of river correction, bank consolidation, and torrent
improvement. Rev cailor for 12 no. 4:183-195 Ap '64.

CIOCIRLAN, N., ing.; IONESCU, Cl., ing.

Works of river correction, bank consolidation, and torrent improvement. Pt. 2. Rev cailor fer 12 no. 6:311-321 Je '64.

CIOCIRLAN, N., ing.

New methods used for consolidation of railroad metallic bridges.
Rev callor fer 13 no.2:93-98 F '65.

SEROPIAN, E., dr.; GIORGILIC, D., dr.; GHERASIM, 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)

CIOGIRLIE, C (C.)

~~CIOG~~

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 5, Sep-Oct 1961, pp 425-430.

Data: "On the Regional Epidemiology of Tetanus."

Authors:

BACILA, E., -Dr.-

CIOGIRLIE, C., -Dr.-

IAVOROVSKI, V., -Dr.-

TEODORESCU, Gh., -Dr.-

MARGINEANU, T., -Dr.-

BACILA, E., dr.; CIOCIRLIE, C., dr.

The Echo viruses. Med. intern. 3:257-266 Mr '62.
(VIRUSES)

DOBRESCU, D., Dr.; UDROIU, A., dr.; GORCEA, V., dr.; GHEORGHIU, M., dr.;
CIOCIRLIE, I., dr.

Allergic spontaneous pneumothorax. Med. int., Bucur. 3 no.7:
1083-1086 Nov 56.

1. Lucrare efectuata in Spitalul militar -- Timisoara.
(PNEUMOTHORAX, case reports
allergic pneumothorax)
(ALLERGY, complications
pneumothorax, case reports)

RUMANIA

SCHMITZER, Gh., Prof. Dr.; HERSCOVICI, H., Lieutenant-Colonel, Medical Corps;
and CIOCIRLIE, I., Major, Medical Corps

"Immunologic Reactivity After Diencephalic Irradiation"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 425-426

Abstract: Immunologic reactivity after diencephalic irradiation revealed that the diencephalon plays a very important role in immunogenesis inasmuch as irradiation intensified the immunogenesis in this experiment. Graph, table.

DIMITRIU, V., Conf.; ~~CIOCIRLIE, D., dr.~~; CIMPEANU, S., dr.

Serpasil therapy of mitral stenosis; effect of reserpine (serpasil) on hemodynamics and clinical states of the patient of pure or combined mitral stenosis. Med. int., Bucur. 4 no.8:1198-1212 Dec 56.

1. Lucrare efectuata in Clinica medicala I.P.S.M.F. Coltea.
(de sub conducerea prof. B. Theodorescu).

(MITRAL STENOSIS, therapy

reserpine, eff. on hemodynamics & clin. state)

(RESERPINE, ther. use

mitral stenosis, eff. on hemodynamics & clin. state)

RUMANIA

SATMARI, C., Dr, Col, IONASCU, A., Dr, Lt-Col, CIOCIRLIE, I., Dr, Maj, and SAFTA, M., Dr, Maj [affiliation not given]

"Solid Media in Powder Form for Bacteriological Diagnosis Under Field Conditions."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66, pp 303-307.

Abstract: The authors give the formulae used in their laboratory for the preparation of powders used for the diagnosis of bacteria, especially enterobacteria, under field conditions. The four mixtures described are nutritive gelose, gelose with lactose and bromthymol blue, Levin medium, and Istrat medium.

Includes the four tabular listings of ingredients and 5 references, of which one German and 4 Rumanian. -- Manuscript submitted 16 August 1965.

IATAN, Nicolaie, ing.; LANDES, V., ing.; ILINA, I., ing.; CIOCIRLIE, S., ing.;
MITROFAN, A.; POPA, M., ing.; MIHAILA, Gh.; POPA, Septimiu, ing.;
PASARE, P.; STENSCHI, G., ing.

Considerations on the quality of the equipment used for casting steel
ingots in Rumania. Metalurgia constr mas 14 no.11:976-983 N '62.

1. Institutul de cercetari metalurgice (for Iatan, Landes, Ilina).
2. Uzina "Victoria" Calan (for Ciocirlie, Mitrofan).
3. Intreprinderea metalurgia Aiud (for Popa, M., Mihaila).
4. Combinatul siderurgic Hunedoara (for Popa, Septimiu; Pasare).
5. Combinatul siderurgic Resita (for Stenschi).

GIOCIRLIE, Sabin, ing.

Observations on increasing the durability of ingot molds at the Hunedoara Siderurgical Aggregate Plant. Metalurgia constr mas 15 no.2:97-102 F '63.

1. Combinatul siderurgic Hunedoara.

<u>1 55170-65</u>	EWP(v)/EPR/T/EWP(x)/EWP(h)/EWP(1) Pf-4	16 B
ACCESSION NR: AP5017638		RU/0017/14/000/008/0360/0365
AUTHOR: <u>Giocirlie, S.</u> (Engineer)		
TITLE: Contribution to the establishment of some design norms for ingot molds	14	
SOURCE: Metalurgia, no. 8, 1964, 360-365		
TOPIC TAGS: foundry equipment		
ABSTRACT: A discussion of the principal parameters for ingot molds, with a view to the selection of the most technically-economically advantageous ones as design norms. Both data given in the literature and experimentally obtained data from the practice of operating siderurgical combines are taken into consideration. Orig. art. has: 4 figures, 2 tables, 5 graphs.		
ASSOCIATION: Combinatul Siderurgic, Hunedoara (Siderurgical Combine)		
SUBMITTED: 00	ENCL: 00	SUB CODE: IE
NR REF SOV: 001	OTHER: 005	JPRS
Card 1/1		

CIOCLOV, G.

Method of repairing broken rolling mill cylinders. p. 26. METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrii Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicienilor) Bucuresti. Vol. 7, no. 11, Nov. 1955.

SOURCE: East European Acquisitions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

CIOCOIU, A., VLADESCU, R.

Tensioviscosimeter used in the hygienic control of milk. p. 19

Academis Republicii Populare Romine. Institutul de Biochimie STUDII SI
CERCETART DE BIOCHIMIE.
Bucuresti, Rumania
Vol. 1, no. 1, 1958

Monthly list of East European Accession Index (EEAI), Lc Vol. 8, No. 11
November 1959
Uncl.

PUSCARU, D.; VERMESANU, N.; OPRESCU, St.; DINU, I.; CIOCOIU, A.; TANASE, L.

Influence of colostrum on the development of young cattle.
Studii cerc biol anim 14 no.1:47-55 '62.

1. Comunicare prezentata de N. Teodoreanu, membru corespondent al Academiei R.P.R., si membru al Comitetului de redactie, "Studii si cercetari de biologie; Seria biologie animala."

FUSCARU, D.; VERMESANU, N.; OPRESCU, St.; DINU, I.; CIOCOIU, A.;
TANASE, L.

Influence of colostrum on the development of young cattle.
Studii cerc biol anim 14 no.1:47-55 '62.

1. Comunicare prezentata de N. Teodoreanu, membru corespondent
al Academiei R.P.R., si membru al Comitetului de redactie,
"Studii si cercetari de biologie; Seria biologie animala."

CIOCOIU, Fl.

Livestock raising, main task of agriculture in the Six-Year Plan.
Probleme econ 14 no.6:61-77 Je '61.

GIORGIU, Fl.; DAVID, N.

Livestock raising, the most important way of increasing labor productivity. Probleme econ 15 no.3:89-102 Mr '62.

CIOCOIU, Fl.

Bovine animal breeding, an important production branch on
collective farms. Probleme econ 17 no. 6:87-101 Je '64.

CIOCOIU, Gh., ing.

Glass fibers, their characteristics and articles made of glass yarns.
Ind text Rum 14 no.2:55-58 F '63.

1. Ministerul Industriei Usoare.

ILISEI, M.; CIOCOIU, Paulina; RUSU, R.; GEORGESCU, M.

Equilibrium data on the systems consisting of C₅ hydrocarbons and extractive distillation solvents. Rev chimie Min petr 13 no.4:198-202 Ap '62.

ACCESSION NR: AP4039548

R/0003/64/015/005/0252/0256

AUTHOR: Ciocciu, Paulina; Gotthard, Fr.; Minea, I.; Russu, R.

TITLE: Synthesis and applications of some molecular sieves. I. Some properties and uses of molecular sieves

SOURCE: Revista de chimie, v. 15, no. 5, 1964, 252-256

TOPIC TAGS: molecular sieve, petrochemical application, persorption, aluminum-silicates, crystalline structure, geometrical selectivity, physical selectivity, persorption heat, purification, separation, pH, hydrocarbons, mercaptan, drying, monomers, inert gas, Ar, H sub 2S, H sub 2, O sub 2, N sub 2, C sub 2, H sub 4, CO sub 2

ABSTRACT: Molecular sieves are rigid substances with tridimensional structure having pores and cavities which allow selective penetration of atoms or molecules of different dimensions. This first note is a short review of literature on the subject with emphasis on application on molecular sieves to petrochemical industry.

ASSOCIATION: Institutul Petrochim Ploiesti (Ploiesti Petrochemical Institute)

Card ~~5/2~~

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ACCESSION NR: AP4044191

R/0003/64/015/007/0404/0408

16
B

AUTHOR: Ciocolu, Paulina, Dinăscu, Amalia, Dinăscu, R., Gothard, Fr., Minea, I.
Rusu, R., Sotăcolu, S.

TITLE: The synthesis and uses of some molecular sieves. II. The synthesis of some granular molecular sieves from kaolin

SOURCE: Revista de Chimie, v. 15, No. 7, 1964, 404-408

TOPIC TAGS: molecular sieve, kaolin, kaolin sieve preparation, kaolin granulation, Malaxa process, kaolin extrusion, calcination

ABSTRACT: The authors report the results of experiments carried out with the intention of reproducing the synthesis of molecular sieves from kaolin, without the addition of binding agents and using methods which vary slightly from those previously described in the literature. The kaolin found in Agires, Rumania, was used as the basic material; either the 1st (78% kaolin) or 2nd (75% kaolin) grade of this material may be used, both being able to yield sieves with high absorption capacities (25-32g H₂O/100g) was pores of 4A. The static absorption capacities were first determined for both types of material; the results are reported in tables, and a schematic diagram of the laboratory apparatus used is also given. The various steps used in the actual manufacturing procedure are then described

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ACCESSION NR: AP4044191

in detail, as follows: 1) The granulation of the kaolin to the desired dimensions (length \approx diameter) may be carried out by 2 methods: method (a) is based on the extrusion of wet kaolin paste, after previous heating at 120°C and addition of 30% water ("Malaxa" process), drying and grinding of the extruded material, and final sorting of the granules; b) grinding of dry kaolin cakes directly to the desired dimensions, and subsequent sorting of the granules. 2) The calcination of the granules is carried-out partially in a laboratory oven and partially in an electric oven type KYLS, of 100 liters capacity, equipped with silica rods. The optimum temperature of calcination is 670-700°C (not to exceed 750°C), for a duration of 5 hours. Both ovens are equipped with temperature regulators, calibrated in intervals of $\pm 20^\circ\text{C}$. 3) The alkali treatment phase is carried out with a 9-10% NaOH solution (not to exceed 16%), for a period of 5-10 hours. Mechanical stirring of the kaolin granules is not recommended. Consequently, the operation is carried out partially in a boiler without stirrer, and partially in a boiler equipped with a Cottrell pump system, for the reflux of the solution. During this operation, to produce a maximum absorption capacity of the molecular sieve structure, the diameter of the granules cannot exceed 2 mm. Following alkali treatment, the molecular sieves obtained are washed with water until the washing solution reaches a pH of 9-9.5. A schematic diagram of a laboratory-

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L 49216-65

ACCESSION NR: AP4044191

scale apparatus for the alkali treatment of the kaolin granules is given. 4) The ion-exchange phase (exchange of sodium ions for calcium ions) is carried out by 2 treatments with a 25-33% CaCl_2 solution, for 4 hours at the boiling temperature and under normal pressure. These parameters are considered optimal for the production of maximum absorption capacities. Following each treatment with CaCl_2 the molecular sieves are washed with water in order to eliminate the traces of sodium ions remaining on the surface of the granules. 5) Activation of the sieves is carried out by a process of calcination for 1 hour at a temperature of 300-350C. Prolonged calcination (4-5 hours) results in a stable absorption capacity, having a lower value (60-70% of the initial value). The molecular sieves obtained by this process have a mechanical resistance of 1-2 kg/mm^2 , as compared with 0.1 - 0.5 kg/mm^2 for those manufactured outside of Rumania, with a specific area between 500 and 700 m^2/g , and a real density of 1.9-2.1 g/cm^3 . A diagram of an industrial installation for the manufacture of the 4A molecular sieves is given. The authors conclude by stressing the importance and specificity of the method for sieves having 4A pores. Molecular sieves with 5A pores, prepared by this method, have much lower absorption capacities. Orig. art. has: 3 figures and 7 tables.

ASSOCIATION: None

SUBMITTED: 00

NO REF SOV: 000

Card 3/3 *me*

ENCL: 00

OTHER: 013

SUB CODE: GC, MT

CIOCSAN, I., ing

New steps forward in machine construction and technology
of bast-fiber spinning. Ind text Rum 12 no.11:441-447 N '61.

1. Filatura "8 Martie" - Gheorghieni.

CIOCSAN, I., ing.

"Processing flax and hemp fibers" by A. Petrescu, V. Iliescu,
Reviewed by I. Ciocsan. Ind text Rum 14 no.8:381-382 Ag'63

ROMANIA

TORJESCU, Virgil, MD; CIOCOLESCU, Ana, engr.

The Raion Sanepid in Turnu Severin (Sanepidul raional Turnu Severin) - (for all)

Bucharest, Igiene, Vol XII, No 1, Jan-Feb 63, pp 59-66.

"Comments on the Methods of Determining Carbon Sulfide, Chloropicrine, and Phosphated Hydrogen in Cereals and other Foodstuffs."

(2)

PATRASCU, M., ing.; NITA, S., ing.; CIOCULESCU, M., ing.; HERTA, I.,
tehn. lab.; MACOVEI, O., tehn. min.; HEINGZ, M., tehn. min.

Moist lateral drilling as an effective method of fighting
the dust resulting from hole drilling. Rev min. 13.
no. 6:254-257 Je '62.

1. Institutul de cercetari miniere, Petrosani.

BASILA, V.T., prof.; VASILESCU, I.; FITARAU, A.; CIOFLEC, D.

Serious staphylococcal septicemia with cavernous sinus thrombosis and bullous pneumonopathy. Microbiologia (Bucur) 6 no.1:25 Ja-F '61.

1. Clinica de boli contagioase, Timisoara.

*

GIOFLICA, G.; LAZAR, C.; UDEHASA, Gh.

Some structural peculiarities in the vein system of the metalliferous
Stanija Mountains. Studii cerc geol 7 no.2:329-353 1962.

ILIESCU, Violeta; CIOFLICA, Gianina

Palynological study on the Pantelimon stone pits. Dari seama
sed 49 pt.1:113-118 '61-'62 [publ. '64].

1. Submitted December 13, 1961.

CIOFLICA, G.

Geologic and petrographic study of eruptive formation in the Baita (Vaia-Mare) region. p. 233.

(ANALELE. SERIA STIINTELOR NATURII. Rumania. Vol. 5, no. 11, 1956)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Incl.

CIOFLICA, Gratian

1. "On the Geologic Volcanism in the Eastern Part of the Karaliflorous Mountains," Gratian CIOFLICA, pp 7-15.
2. "New Data on the Specificity of Volcanic Deposits of Lower-Middle Pleistocene, Rodnitskiy Park, Dnepropetrovsk, G. ORSHINSKIY, OR. 3132 and 3. BARDY, pp 15-26.
3. "The Geology of the Lower and Upper Limits of the Paleogene Series in the Eastern Carpathians," K. U. ZILINSKIY, pp 19-26.
4. "The Microfauna of the Higher Marine Series in the Vicinity of Zboriv," I. Z. SYBRY, pp 37-51.
5. "Contributions to the Study of the Sosone Volcanic Volcanic Series of the Liga de Suro-Clujului Region (South West of Cluj)," V. TAVANCIU, pp 55-63.
6. "Preliminary Data Concerning the Stratigraphy of the Ploocene Between the Jucurului and Priboroi Valleys," Z. HANCIU, pp 65-79.
7. "Geological Survey of the Sapot-Rissova Hill," Aurelia BARBULESCU, pp 81-89.
8. "Contributions to the Study of the Diatomites in the O. L. L. Series," S. KRISTELI, pp 91-100.
9. "Remarks on the System of the Neogene Sciences," Iuliana DRZAI, pp 101-109.
10. "Geomorphological Observations in the Lower Basin of the Sava," Tr. KATK, pp 111-126.
11. "The Plateaus and Erosion Levels of the Corving Carpathians and Sub-Carpathians (The Sector Between Blacu Chiojdului in the West and Clujna in the East)," Tr. KATK, pp 127-131.
12. "Pitica Gratiului. Geomorphological Considerations," Valeria NICULESCU, pp 133-135.
13. "Contributions to the Geomorphological Study of the Lovrești Caves," Silvia IANCI, Silvia IANCI and

(17)

1/2

CIOFLICA, Gratian

Petrographic study of the eruptive formations in the Cazanesti -
Giungani region (Muntii Drocea). Anuarul Comit geol 32:257-
423 '62.

GOGALNICEANU, S.; CIOFU, A.; GHIRILA, R.

Iodine microdosing in plants. Studii cerc biochimie 7 no.2:191-193 '64.

1. "N. Balcescu" Agronomic Institute, Bucharest. Submitted September 26, 1963.

IONKSCU, Mircea; CRACIUN, Teofil; CIOFU, Angela

Modification of chemical characteristics of agricultural plants
by hybridization. Studii cerc chim 12 no.5:393-397 '64

1. Agronomic Institute, Bucharest, B-dul Maraesti, no.53.

FODOR, O., prof.; STANESCU, L., dr.; COSMA, V., dr.; ITU, I., dr.; FRATILA, I.,
dr.; MUNTEANU, P., dr.; SCHWARTZ, M., dr.; CIOFU, Gh., dr.; ILEA, V.,
dr.; COTUL, S., dr.; DUMITRASCU, D., dr.; BORSAN, I., laborant

Clinical and epidemiological research on the evolution toward
chronicity of acute epidemic hepatitis. Med. intern. (Bucur.)
16 no.12:1505-1510 D '64

1. Lucrare efectuata in Clinica a III-a medicala, Institutul
medico-farmaceutic, Cluj.

FODOR, O., prof; COSMA V., dr.; MUNTEANU, P., dr.; CIOFU, Gh., dr.

Research on the relation between neurosis and ulcerous disease.
Med. intern. (Bucur.) 17 no.1:53-59 Ja '65

1. Lucrare efectuata in Clinica a III-a medicala, Institutul
medico-farmaceutic, Cluj, (director: prof. O. Fodor).

FLORU, R.; CIOFU, I.; GULIAN, E.; CIOATA, E.

Contributions to the study of the neurophysiological mechanisms of attention. Pt.1. Rev psihologie 10 no.3:243-254 '64.

1. Institute of Psychology of the Rumanian Academy, Bucharest.

GIOFU, S.

An Electrophrenic Exciter. Electronic Apparatus for Artificial Respiration.
ELECTROTEHNICA (Electrical Engineering), #8:451:Aug 55

BURGHILE, Th.,; IOACHIM, H.,; DIMITRIU, D.,; GOLDSTEIN, I.,; CIOFU, S.,;
DUVAN, S.

Chronic experimental renal tuberculosis in dog. Acta med. hung.
8 no.2:193-214 1955
(TUBERCULOSIS, RENAL, experimental,)

RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97505

Author : Burghele, Th., Blaja, C., Ciofu, S., Momiceanu, D.

Inst : Not given

Title : Experimental and Clinical Data on Ventricular Fibrillation

Orig Pub: Rev. med. (RPR), 1956, 2, No 3, 13-21

Abstract: No abstract.

Card 1/1

RUMANIA / Human and Animal Physiology (Normal and Patho- T
logical). Blood Circulation. Heart.

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97496

Author : Ciofu, S.; Blaja, C.; Crivda, S.; Vlad, C.

Inst : Not given

Title : Fibrillation and Electric Defibrillation of the Heart
of a Dog

Orig Pub: Fiziol. norm. si. patil., 1957, 4, No. 6, 553-563

Abstract: Resistance of heart of a dog at currents of 13-14
ma and 0.64-0.88 volts consisted of 40-70 ohms. Fi-
brillations were induced by electric impulses (0.1-
0.5 a), utilized for 0.5 seconds and longer in order
to catch the heart during the period of vulnerabi-
lity. For defibrillation the current with duration

Card 1/2

RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97496

of 0.01-0.04 seconds, current 1.5-3 amperes was utilized. If the impulse produced no effect, it was repeated after a certain pause. Short, serial impulses induce inconsequential injuries of the heart and are much more effective than a single, long impulse. -- From author's resume.

Card 2/2

CIOFU, S., Dr.; BLAJA, C., dr.; MOMICRANU, D., dr.

Measurement of the electric resistance of the blood plasma,
objective method of electrolyte balance in surgery. Med. int.,
Bucur. 8 no.2:316-320 Apr-May 56.

1. I.M.F.--Clinica I Chirurgicala--Director prof. Th. Burghele.
(BODY FLUIDS
water-electrolyte balance in surg., determ. by electric
resist. of blood plasma)

GIOPU, S., dr.

Current concepts and methods of investigation in Soviet oncology.
Med. intern., Bucur 13 no.2:161-167 F '61.

(NEOPLASMS) (RESEARCH)

CIOFU, V.

The industrial exhibition "Rumanian Planned Economy in Full Progress"; a report. p.57.
(ELECTROTEHNICA, Bucuresti, Vol. 1, No. 1/2, Jan./Feb. 1953)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

CIOFU, V.

Productive activity in the group of the Scientific Association of Engineers and Technicians in the Electrocabul Factory. p.60. (TECHROTEHNICA, Bucuresti, Vol. 1/2, Jan./Feb. 1953)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

GIOFU, Valeriu, ing.

Contributions to the introduction of the new technology in the
electrotechnic industry. Electrotehnica 9 no.5:172-175 My '61.

1. Seful Serviciului Tehnic D.G.I.E.T. din M.M.C.M.

RADULET, R.; HORTOPAN, Gh.; CIOFU, V.

From the work of the Technical Committees of the International
Electrical Engineering Commission at the 1964 Session, Aix-les-
Bains. Electrotehnica 12 no.11:438-442 N '64.

GIOCOLEA, G.
SURNAME, Given Names

Country: Rumania

Academic Degrees: -Prof.-

Affiliation: -not given-

Source: Bucharest, Farmacia, Vol IX, No 7, Jul 1961, pp 435-438.

Data: "Professor Stefan Minovici as Organizer and Leader of the
Department of Analytical Chemistry."

GPO 981643

CILOGOLEA, GH.

33
215

- 1. Biofarmacia, Farmacia, Vol X, No 5, May 72
- 2. Comparative Study of the Methods of Nitroting Determination in ... in ... Prof. Dr. Pharmaceutical Laboratory ... Faculty of Pharmacy ... pp 257-261.
- 3. "Study of Sunflower Oil Used in Infectible Oil Solution ... Prof. Dr. Pharmaceutical Laboratory ... Faculty of Pharmacy ... pp 257-261.
- 4. "The Identification, Determination and Extraction of ... Pharmaceutical Laboratory ... Faculty of Pharmacy ... pp 270-283.
- 5. "The Determination in Non-Aqueous Media of the Antipyretic ... Pharmaceutical Laboratory ... Faculty of Pharmacy ... pp 284-295.

1/2

GIORGULEA, Gh., prof.

On the eve of the National Conference of Pharmacy. Farm
Rum 11 no. 11:641-642 N'63.

1. Presedinte al Comitetului de organizare a Conferentei
Nationale de Farmacie.

ROMANIA

CIOGOLEA, Gh., Professor.

Chairman of the Organization Committee of the National Conference
on Pharmacy (Presedintele Comitetului de organizare a
Conferintei Nationale de Farmacie)

Bucharest, Farmacia, No 11, Nov 63, pp 641-642

"In Preparation for the National Conference on Pharmacy."

GEORGESCU, I.I.; TEODORESCU, Gh.; VOLJIN, V.; CIOHODARU, I.

Radioactivity of the first solid fallout in Bucharest,
during the 1962/63 winter. Studii cerc fiz 14 no.6:805-814
'63.

1. Institutul politehnic Bucuresti, Laboratorul de tehnica
nucleara. Universitatea din Bucuresti, Catedra de structura
materiei.

CIOK, Janusz; WRONSKI, Jerzy

The Barbara universal instrument for measurements connected
with blasting work. Wiadom gorn 11 no. 1/2:41-42 Ja-F '60.

WRONSKI, Jerzy, doc. mgr inz.; CICK, Janusz, mgr inz.; KRZYSTOLIK, Pawel,
mgr inz.

The Barbara ROW-1 fire-damp detector indicates, alerts,
switches off, and records. Przegl gorn 20 no.10:Supplement
Biul glow inst gorn 14 no.2:21-22 '63.

WOJTOWICZ, Mieczyslaw; PIOCH, Edmund; CIOK, Jerzy

"A", "B" and "O" blood groups and their relation to gastric and duodenal ulcer and gastric cancer. Polski tygod. lek. 15 no.20: 745-747 16 My '60.

1. Z II Kliniki Chirurgicznej A.M. w Poznaniu; kierownik: prof. dr. Roman Drews.

(BLOOD GROUPS)

(PEPTIC ULCER blood)

(STOMACH NEOPLASMS blood)

WOJTOWICZ, Mieczyslaw; CIOK, Jerzy

Development of cancer in gastric ulcer. Polski przegl. chir. 33
no.7/9:746-748 '61.

1. Z II Kliniki Chirurgicznej w Poznaniu Kierownik: prof. dr R.Drews.
(PEPTIC ULCER pathol) (STOMACH NEOPLASMS etiol)

MASTYNSKA, Maria; CIOK, Jerzy

Surgical treatment and its results in elderly patients. Pol.
tyg. lek. 18 no.28:1018-1022 8 J1 '63.

1. Z II Kliniki Chirurgicznej AM w Poznaniu; kierownik: prof.
dr Roman Drewno.

(SURGERY, OPERATIVE) (STATISTICS)

CIOK, Jerzy

Metastases in cancer of the colon according to data of the
Second Surgical Clinic in Poznan. Nowotwory 14 no.1:41-47
Ja-Mr '64.

1. Klinika Chirurgiczna Akademii Medycznej w Poznaniu (Kierownik:
prof. dr. med. R. Drews).

MASTYNSKA, Maria; CIOK, Jerzy; PEZACKI, Zdzislaw

Effect of ligation of blood vessels supplying the liver and destruction of the pituitary on the development of hepatic tumors.
Pol. przegl. chir. 36 no.12:1437-1440 D '64

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Poznaniu
(Kierownik: prof. dr. R. Drews).

10F, Y.

... observations of unstable nuclear fragments. P.
Ciolek, M. Danysz, and J. Gintula. *Ann. Acad. Sci. Fenn. Ser. B*
171, 2, 171-174 (1951) (in English) - A description is
given of the observations of a multiply charged particle
being ejected from a high-energy interaction. This particle
after having apparently stopped in the emulsion,
decayed, giving rise to a small low-energy star. These
phenomena were observed in a G5 emulsion, 600 μ thick,
that was exposed in a balloon flight for 18 hrs. at an altitude
of 20,000 m. An analysis of the tracks is given.
A. R. Hesse

✓ DELAYED DECAY OF HEAVY FRAGMENTS EJECTED FROM COSMIC RAY STARS. P. CIOK, M. DRYER, and J. GIEGULA (Univ. of WARSAW, Poland). Nuovo cimento (9) 11, 438-44(1954) May. (In English).

Data concerning seven cases of production and decay of unstable nuclear fragments are compared, and different interpretations discussed. In all the seven cases the unstable fragments are produced in interactions the energy of which is in the range from a few to some tens of bev and which correspond to more or less central collisions of a neutral or singly charged particle with a heavy nucleus in the emulsion. The life time of the unstable fragments is longer than 10^{-12} sec. The evaluation of the total energy released in their decay is consistent with a unique Q value of 175 Mev but not with the value of 140 Mev. Energy distribution among the charged secondaries shows a marked nonuniformity. In the majority of cases no mesons are observed to be emitted among these secondaries. Considering the two modes of decay of a V_1 particle within the nucleus, the mesonic and non-mesonic decay, all the discussed features of the seven cases support the bound V_1 hypothesis. (auth)

10-28-59
RMF

CIOK, P.; STEGNER, A.

An analysis of Λ^0 -particle decay in flight recorded in nuclear emulsion. p. 153. ACTA PHYSICA POLONICA. Vol. 14, no. 1/2, 1955. In English. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

CIOK, P.

D. J. O. N

6496. Possible example of decay of a "meson active
triple" at rest. P. CIOK, M. DANYSZ AND J.
GIERULKA. *Bull. Acad. Polon. Sci. Cl. 3, 3, No. 1, 25-7*
(1955). 539.16

A black track which ends in the emulsion in a two-prong star is observed to emerge from a star of type $37 + 7p$. Rough estimates of the mass of the particle causing this track from scattering-range measurements on 520μ give $2.7m_p$. Scattering and grain-density measurements on the longest component of the two-prong star indicate a mass of about $400m_p$. Assuming this to be a π -meson, the grain-density yields a value for the kinetic energy of 50 ± 15 MeV. Considering the other track as a He^3 nucleus, its kinetic energy is 2.6 ± 0.6 MeV. D. J. FROWSE

[Handwritten signature]

C10K, PELAGIA

1-Box

✓ The Λ^0 particle, a neutral hyperon. Pelagia Ciok: *Postępy Fiz.* 6, 176-227 (1955). — A review of seven years' research, started by Rochester and Butler (cf. C.A. 42, 3657d), leads to the conclusion that a neutral, unstable Λ^0 particle of mass $(2181 \pm 1)m_e$ exists. Its av. life time is $(3.7 \pm 0.2) \cdot 10^{-10}$ sec. and its decay scheme: $\Lambda^0 \rightarrow p + \pi^- + 27 \text{ m.e.v.}$ It is produced either by collisions of π^- mesons with nucleons, or as a decay product of a heavier parent, or by capture of a heavy meson by a nucleus.

Sylvia Nowinska

DMZ
MST

E-10A, P

300-2m2

690. AN ANALYSIS OF A Λ^0 -PARTICLE (DECAY) IN FLIGHT RECORDED IN NUCLEAR EMULSION. P. Ciok and A. Stejner. 539.18
 Acta phys. Polon., Vol. 14, No. 1-5, 153-5 (1965).
 A Λ^0 -particle decay is analysed to obtain an accurate Q-value. The π^- -meson was stopped and its energy therefore known. The momentum of the proton was determined from an analysis of two elastic p-p collisions. The final result is 35.2 ± 1.2 MeV. D.J. Prowse

NU

①

RML

C10K, P.

19
 ✓ Nucleon-nucleon interaction with energy greater than 10^{14} e.v. P. Ciolek, M. Danyss, J. Gierula, A. Jurak, M. Micsowicz, J. Piątko, J. Vrána, and W. Wolter (Inst. Nuclear Research, Warsaw). *Nuovo cimento* 6, 1400-16 (1957).— An event of very high energy of 3.3×10^{14} e.v. was discovered in a stack of emulsion irradiated at high altitudes.
 Allen I. Cohen

10
 K53e (2)
 K53d

RMZ

C10K, P.

C10K, P.

Nuclear Interactions in the Energy Region 10^9-10^{11} e.v.
 P. Ciesla, J. Corman, L. Glensk, R. Holmstad, A. Jurak, M.
 Bielecki, C. Sankala, and J. Penczycki (Inst. Nuclear
 Research, Krakow, Poland); *Nuovo cimento* 10, 741-51
 (1958) (in English).—Measurements of angular distribution
 of secondary particles in interactions of high-energy pri-
 maries of cosmic radiation with the nuclei of photographic
 emulsions have been performed. A systematic increase in
 anisotropy of angular distribution in center-of-mass (c.m.)
 with increasing primary energy has been noted. It was
 found that in many high-energy jets the no. of secondaries
 in the vicinity of $\pi/2$ c.m. angle is smaller than that pre-
 dicted by the theories of Heisenberg or Loden. For ex-
 plaining these exper. results a model has been introduced in
 which the secondaries are emitted isotropically from 2 cen-
 ters moving in opposite directions in the c.m. system. Con-
 siderable arguments have been given for this isotropy. The
 relation between the velocity of 2 centers, the inelasticity
 coeff., multiplicity, and transversal moments of secondaries
 has been discussed.

10
2

JW
1/1
Dist: 4E3c/4E3d

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S/058/62/000/008/024/134
A061/A101

AUTHORS: Ciolek, P., Danysz, M., Saniewska, T., Zieliński, P.

TITLE: On the azimuthal angular distribution of particles in high-energy interactions

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 58, abstract 8B414
(Rept. Inst. badań jądrow. PAN, 1961, no. 253/VI, 6 pp., illust.,
English; summaries in Polish and Russian) .

TEXT: The azimuthal angular distribution of slow secondary particles was analyzed for 37 nuclear high-energy interactions in an emulsion (energy of primary singly charged particle $> 10^{10}$ ev). The angular distribution observed is in keeping with the assumption of azimuthal anisotropy. ✓

[Abstracter's note: Complete translation]

Card 1/1

L 14374-63

EWT(m)/BIS AFPTC/ASD

ACCESSION NR: AP3001820

P/0045/63/023/005/0613/0617

AUTHOR: ~~Cick, P.~~

57
50

TITLE: Ionization measurements on very steep tracks of singly charged fast particles in nuclear emulsion

SOURCE: Acta physica polonica, v. 23, no. 5, 1963, 613-617

TOPIC TAGS: proton track, CERN proton synchrotron, proton synchrotron, ionization measurement, steep track, nuclear emulsion, g sub plateau, emulsion star.

ABSTRACT: The article describes a method for determining the coefficient g of the exponent of the gap-length distribution on 24 GeV proton tracks perpendicular to the emulsion plane, as needed for the analysis of stars produced in the Ilford G-2 emulsion 5 cm x 10 cm, 500 microns thick, exposed to the perpendicular proton beam of the CERN proton synchrotron. Results are given in graph fig. 1, "Integral distribution of gaps and segments c sub epsilon on a flat track for which g is congruent to 0.14 microns sup -1." Table 1 gives the values of g from the distribution of segments c sub epsilon and gaps on three separate parts of the

Card 1/2

L 14374-63

ACCESSION NR: AP3001820

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same track for which g is congruent to $0.14 \text{ micron sup } -1$. Analysis of the distribution of length of the segments c sub epsilon determines the exponent coefficient, g , of the gap-length distribution in a track if αg is small enough and the statistics relatively large. A method is given to determine g sub plateau in plates exposed only to a perpendicular beam of fast particles of known velocity. Dip angles of tracks for which the method is recommended depend on many factors, but it seems that these are the cases when automatic ionization measurements cannot be performed. The accuracy attainable on a track segment in a 600 micron thick emulsion is of the order of 15-20%.

"The author wishes to thank Professor M. Danysz for his helpful discussion, Dr. P. Zielinski and Dr. J. Zakrzewski for their valuable remarks, Mrs. H. Mosz and Mgr. T. Saniewska for help in measurements, Mrs. J. Bohdanowicz for help in computations."

Orig. has 3 figures, 1 table, and 9 numbered equations.

ASSOCIATION: Instytut Badan Jadrowych, Warsaw (Institute of Nuclear Research)

SUBMITTED: 06 Aug 62

DATE ACQ: 01 Ju 63

ENCL: 00

SUB CODE: NS

NO REF SOV: 000

OTHER: 003

Card 2/2

P/021/62/000/012/003/005
D289/D308

AUTHOR: Ciok, Zbigniew

TITLE: Nonsimultaneous short circuits in three-phase networks

PERIODICAL: Przegląd Elektrotechniczny, no. 12, 1962, 511-514

TEXT: An analysis has been given of the conditions of symmetry in nonsimultaneous short circuits in three-phase networks and their dependence on X_d'' (direct axis sub-transient reactance), X_q'' (quadrature axis sub-transient reactance), X_1 (positive sequence reactance), R_1 (resistance) and θ (the angle of the instant of make). Mathematical analysis is given with various formulas when $X_q'' \neq X_d''$ for calculation of individual currents for 1st, 2nd and 3rd shorted phases for a three-phase and two-phase short circuit. Several oscillograms and numerous curves are given for amplitude factors to the base of X_0/X_1 , angle at the instant of make θ and ratio X_d''/X_q'' . The analysis shows that the non-simultaneity of short circuit has

Card 1/2

Nonsimultaneous short circuits ...

P/021/062/000/012/003/005
D289/D308

a definite bearing on the d.c. component and, in certain ranges of the instant of make for single and three-phase short circuits, the d.c. component is greater than the maximum possible value in the simultaneous short circuits. It is concluded also that non-simultaneous short circuit has no effect on a.c. component provided that there is no magnetic saturation anywhere in the circuit. With saturation the a.c. component can increase up to 15%. In networks having zero sequence currents, with non-simultaneous short circuit in the neutral, currents exceeding phase current may occur. The author concludes that inequality of sub-transient reactances, which for a large generator could be $X_q''/X_d'' = 1.1 - 1.4$, has negligible effect on currents. The d.c. component is affected and, in the range $X_0/X_1 \leq 0.7$, can rise substantially above 0.7, the maximum amplitude factor occurs at $X_0/X_1 = \infty$, and equals 2.37. There are 9 figures.

ASSOCIATION: Katedra Przyrządów Rozdzielczych, Politechnika Warszawska (Department of Distribution Equipment, Warsaw Polytechnic)

Card 2/2