

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, C., 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).

PASARE V.

③

RUHANIA

Dr Gh. PASARE, Dr Maria AXINESCU, Dr E. POPESCU, Dr I. GOANTA, Dr I. DRAGOTONIU and Dr Victoria PASARE, Hospital, Turnu Severin.

"A Case of Balantidium coli Rectocolitis."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 2, Mar-Apr 63; pp 187-190.

Abstract [French summary modified] : Case report; woman aged 52, pig farmer with severe enterocolitis eventually attributed to Balantidium coli on basis of fecal findings. In hog farm where patient worked, 60% of 57 pigs but none of the other 81 workers had the protozoan in their feces. Five Rumanian references include thesis.

1/1

PASARE ✓
RUMANIA

Dr Gh. PASARE, Dr E. CEANUSU, Dr D. PIRVU and Dr Victoria PASARE,
Department of Infectious Diseases and Laboratory of the Hospital for
Adults (Sectia de boli contagioase si laboratorul spitalului de adulti)
Turnu Severin.

"Rectocolitis due to Trichomonas Hominis."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 2,
Mar-Apr 63; pp 153-154.

Abstract [English summary modified]: Severe chronic diarrheal disease
in farmer aged 54; no bacterial pathogens ever found in feces; finally
parasitologic study revealed unusual density of flagellates; quinacrine
6 Gm. in 3 days by clyasma brought improvement but recurrent exacerbations;
eventually died during one of these. Clinical discussion of this and
another similar case reported from Serbia in 1932.

1/1

PASARE, Gh., dr.; AXINESCU, Maria, dr.; POPESCU, E., dr.; GOANTA, I., dr.;
DRAGOTONIU, I., dr.; PASARE, Victoria, dr.

Considerations on a case of rectocolitis due to *Balantidium*
coli. Microbiologia 8 no.2:187-190 Mr-Apr '63.

1. Lucrare efectuata la Spitalul din Turnu Severin.
(COLITIS) (BALANTIDIUM) (GA. TRITIC)
(DIARRHEA) (ANEMIA)

PASARE, Gh., dr.; CEAUSU, E., dr.; PIRVU, D., dr.; PASARE, Victoria, dr.

Rectocolitis due to *Trichomonas hominis*. *Microbiologia* 8
no.2:153-154 Mr-Apr '63.

1. Lucrare efectuata in Sectia de boli contagioase si laboratorul
spitalului de adulti din Turnu Severin.

(TRICHOMONAS INFECTIONS) (COLITIS)
(INTESTINAL DISEASES, PARASITIC)

PASA 10, 3.

Teo e natrici. n e e dno frateriter. (2. 1. 1967).
(S. 1000000, Vol. 1, n. 1, Apr. 1967. Roma, Yugoslavia.)

S: Monthly List of ...
July 1967.

PASARIC, B.

PASARIC, B. Transmitter for amateur use. p. 20.

Vol. 9, no. 2 1955
ELEKTROTEHNIKA
Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 1 April 1956

PASARIC, R.

Outline of the development of chemical industries in
Yugoslavia in the projection of the seven-year plan,
1964-1970. Kem ind 13 no. 7:555-559 J1 '64.

PASARIC, R.

What the 7th Pair of a Kadima test and 1-504. Author
no. 5: 375 My 1942.

PASARIC, Ratimir

The First Yugoslav Symposium on Glues and adhesives; Zagreb,
March 7-9, 1963. Kem ind 12 no.3:203-204 Mr '63.

PASARIC, Ratimir

Pelofosfat, a new artificial fertilizer. Kem ind 12 no.6:499-500
Je '63.

PASARICA, F

TECHNOLOGY

PERIODICAL: REVISTA INDUSTRIEL ALIMENTAR. BOGORA VINO TAMP No. 178 1978

PASARICA, F Factors that contributed to the production of high-quality bread in the Steagul Rosu Plant. p. 42

Monthly list of East European Accessions (SEAI) LC Vol. 5, p. 1
April 1972, unclass

PASARICA, Grigore

Helping the trade-union committees in good planning of labor.
Munca sindic 7 no.11:30-32 N '63.

1. Presedintele Consiliului local al sindicatelor Caransebes.

L 41115-66 T/ENP(t)/ETI IJP(c) JD

ACC NR: AP6030200

SOURCE CODE: RU/0017/65/000/007/0355/0358

AUTHOR: Dumitrescu, T. (Engineer); Pasarica, V. (Physicist); Dumitrescu, K. (Physicist); Popescu, V. (Physicist); Birhala, A. (Chemist)

ORG: Metallurgical Research Institute (Institutul de cercetari metalurgice)

TITLE: Quantitative determination of exogenous non-metallic inclusions in steel by means of Ca sup 45 radioactive isotopes

SOURCE: Metalurgia, no. 2, 1965, 355-358

TOPIC TAGS: nonmetallic inclusion, refractory compound, radioisotope

ABSTRACT: The authors describe a method for the quantitative radiometric determination of exogenous inclusions in steel residues. The method uses a self-absorption standard curve for a mixture of labelled refractory materials and unlabelled non-metallic inclusions in the same proportion as that of exogenous inclusions to total inclusions in the steel under test. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 11, 18 / SUEM DATE: none / ORIG REF: 002 / SCV REF: 002

OTH REF: 003

Card 1/1 11b

UDC: 669.14:543.52:539.219.1

PASARIN, C., ing.

Rational use of the SE-3 excavator in the case of transport by dump trucks. Rev min 15 no.2:91-94 P '64.

ACC NR: AF6029142

REF ID: A66007/66/017/002/001/001

AUTHOR: Dobio, G. B. (Doctor; Engineer); Fasat, A. (Engineer); Flemi, U. (Engineer)

OIG: none

TITLE: Concerning petroleum refining with sulphuric acid. Production of alkanic solvents from cracked gasoline

SOURCE: Petrol si gaze, v. 17, no. 2, 1966, 75-83

TOPIC TAGS: petroleum refining, gasoline, hydrocarbon, solvent extraction, detergent, chemical production

ABSTRACT: The authors discuss the preparation of pure alkanic solvents consisting of saturated hydrocarbons (used in the polymer industry) from thermally cracked gasolines. The process takes place after previous extraction of the aromatic and unsaturated components during the manufacture of detergents such as sodium alkylaryl sulphonates and sulphonated secondary alcohols. Orig. art. has: 5 figures, 4 formulas and 5 tables. [Based on authors' Eng. abst.] [JPRS: 36,556]

SUB CODE: 11, 07 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009

Card 1/1 *CC*UDC: 665.542.23
0917

Ev. also

21 - 11 - 1964 - 116

Survey of production of the United Inorganic Industrial Establish-
ments (Poland). A fasc (*Przem. chem.*, 1969, 8, 618-619).
About 60 inorg and 30 org. chemicals produced by the combine
from domestic and imported raw materials are listed.
R. Tauscor

ILIESCU, I., ing.; PASCA, Gh., ing.

Some temporary improvements for the maintenance and operation of electric-diesel engines. Rev tailor for 13 no.2:84-90 F '65.

1. Timisoara Regional T Service (for Pasca).

PASCA, Gheorghe

The lagging behind has been made up. Constr Buc 16 nr. 75411
25 J1 '64.

PASCA, Gheorghe

The art of engineering. Constr. Br. 17 no. 28007 1960-1961.

1. The No. 2 Beta Mare Group of construction offices of the Maramures Regional Trusts for housing construction.

PASCA, SILVIA

4

✓ An electrographic method of analysis. I. Maché and
 Silvia Pasca (Univ. Cluj, Rumania), *Rev. chim. (Bucharest)* **CA**
 4:22-27(1957). - The method proposed by Glazunov (*C.A.* **1**
 23, 8123) and by Jirkovsky (*C.A.* 25, 8640) for the detec-
 tion of several cations without injuring the specimen was
 modified to include a mobile Pt anode and an Al (or any
 other metal inert in the system) cathode on which were
 placed 2 filter papers impregnated with an electrolyte and
 a freshly prepd. reagent soln., resp. The specimen was
 placed between anode and the paper contg. the reagent.
 Duration of the electrolysis was a few sec. Ni and Mo were
 detd. in steel and Zn, Al, and Mg in some alloys with specific
 reagents such a dimethylglyoxime, aizarin, etc. **C. S.**

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14

CA

RESULTS AND PREPARATION

Results of analyses of some waters taken at the four
 fountains of the Comana commune and in neighboring ponds
 E. Casimir and Victoria Paya *Inst geol Roumanie*,
Compt rend 19, 61 (1933) The outstanding feature of
 the waters analyzed is their high nitrate content up to
 100 g NO₃ per l. The probable origin of the nitrates is
 discussed, but no definite conclusions can be drawn, as
 the data are insufficient. A. Papineau-Couture

GENERAL NOTE

ASB 31A METALLURGICAL LITERATURE CLASSIFICATION

2304 117 83.70

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PASCAL, G.

Method for determining the hydrodynamic coefficient of a gas flowing in the mains. Dokl. AN SSSR 154 no.6:1299-1302 F '64. (MIRA 17:2)

1. Instytut prikladnoy mekhaniki, Bukharest, Rumynskaya Narodnaya Respublika. Predstavleno akademikom L.I.Sedovym.

PASCAL, H.

Study on the pressure and rate of flow data obtained by
the transient flow of gases in a reservoir without breaking
the well operation. Rev med appl no. 1:157-168 '64.

PASCAL, H.

Dispersion of pressure waves in a liquid flowing through a porous medium. Rev. mod. app. 9 no. 4:747-758 '61.

PASÇAL, H.

Dielectric constant of the saturated porous medium and the possibility of its application to the geophysical investigation of oil wells. Rev mec appl 9 no. 3:601-616 '64.

PASCAL, H.

On the problem of the flow of a compressible gas crate on mixture
through beans. Petrol. gazeta 14 no.11:563-570 N 1953.

PASCAL, H.

Studies on the pressure and output data obtained in the transition
running of gases in deposits without interruption of the oil
derrick exploitation. Studi cer. mee apl 14 no. 2 501-510 1961.

1. Ministerul Petrolului si C. m. n. Ia. petrolului si gazelor
ge. Ingineri, Bucuresti.

PASCAL, H.

Transitory flow of gases in the magistral conduits. Pt.2. Studi zero
mec apl 14 no.1:223-242 '63.

PASCAL, H.

"The extraction of crude oil and gases" by Grigore Ioachim. Reviewed
by H. Pascal. Studii cerc nec apl 14, no.1:257-258 '63.

PASCAL, H., ing.

"Extraction of crude oil and gases" by [prof.] Grigore Ioachim.
Reviewed by H. Pascal. Petrol si gaze 13 no.12:561 D '62.

Pascal, H.

An approximative method in the study of crude-oil dislodgment by means of water in non-stationary conditions. p. 945.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, Rumania. Vol. 9, no. 4, 1958.

Monthly List of East European Accessions (EEAL) LC Vol. 9, no. 2, January 1960.

Uncl.

PASCAL, H.; and W. L. ...

On the propagation of pressure waves in a liquid flowing through a porous medium. In English. ...

REVUE DE MECANIQUE APPLIQUEE. ... Institut de Mecanique Appliquee, Bucaresti, Roumanie. Vol. 4, no. 3, 1974.

Monthly List of Eastern European Research Index (vol. 1, no. 11 November 1974) Encl.

PASCAL, H.

Determining the suspension velocity in gas drilling. n. 448.

PERTOL SI GAZE. (Asociatia Stiintifica a Inginerilor si Tehnicienlor din
Rominiasi Ministerul Industriel Pertolului si Chimiei) Bucuresti, Romania.
Vol. 10, no. 10, Oct 1959

Monthly List of East European Accessions (FEAI) LC Vol. 9, no. 2, Jan 1960

Uncl.

PASCAL, H.

Approximative determination of the pressure and discharge of ascending current in gas boring. Studii cerc mec apl 13 no.3: 707-717 '62.

IV/008/63/000/001/006/006
A065/A126

AUTHOR: Pascal, H.

TITLE: Transient flow of gases in pipelines. - II. Determination of the hydrodynamic friction coefficient

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 1, 1963, 223 - 242

TEXT: In a previous work (H. Pascal: *Révue de Mécanique Appliquée*, 1, 1962) the author has examined the reestablishment of the pressure in a gas pipeline, after stopping the flow at the terminal point. In the present paper he studies some problems of transient flow, with the purpose of working out some methods for determining the hydrodynamic characteristics of pipelines and for determining pressure and flow rate variations at the supply point, depending on the variation of the consumption point. The solution of these problems will contribute to the economic use of existing pipelines and pipelines to be built, as well as to the establishment of the operation program of automatic installations. Admitting that in the initial moment the pressure is the same along the whole pipeline, the author establishes the equations of the pressure and that

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R/008/63/000/001/006/006
A065/A126

Transient flow of gases in...

of the gravimetric rate of flow. The variation of the flow rate in the consumption point is represented by a graph for a certain time interval, generally 24 hrs. The variation of the flow rate in the supply point may easily be determined on the basis of this graph by applying the principle of superposition and admitting an average value of the flow rate at the consumption point. The hydrodynamic characteristics of the pipeline in the case of a transient flow may be determined by starting with the equation of the material balance. In case of an exploitation of the pipeline at a constant flow rate at the consumption point, and at a constant pressure at the supply point, the pressure will drop in time from its value at the initial moment. This drop may be presented as a straight line in a semi-logarithmic graph. However, for the accomplishment of the curve of pressure reestablishment, necessary for the determination of the hydrodynamic characteristics of the pipeline without interrupting the transportation, one may consider the exploitation of the pipeline under the conditions examined above, establishing in the consumption point a constant pressure and a variable rate of flow, constantly or stepwise decreasing, corresponding to the constant values in conveniently chosen time intervals. Applying thus the principle of superposition, one obtains a Volterra-type integral equation of the

Card 2/3

Transient flow of gases in...

R/008/63/000/001/006/006
A065/A126

second species, whose solution by approximation methods gives the possibility of determining the pressure drop corresponding to the flow rate variation, as well as the possibility of plotting the curve of pressure reestablishment. The author examines in an appendix the pressure reestablishment in a pipeline which has in the immediate vicinity of the consumption point a zone whose friction coefficient is different over a very short length as compared to the length of the whole pipeline. There are 2 figures.

SUBMITTED: May 25, 1962

Card 3/3

PASCAL, H.

On the dielectric constant of the saturated porous medium and the possibility of its application to the geophysical investigation of oil wells. Studii cerc mecat 14 no.3:507-522 '63.

1. Ministerul Industrii Petrolului si Chimiei, Intreprinderea laboratoare geologice.

Determination of the elastic properties of sedimentary rocks
by ultrasonic methods. Studi ceram meo apl 14 no. 5:119-124
1963.

PASCAL, H.

Dispersion of the pressure waves in a liquid flowing
through a porous medium. Studii cerc mec apl 15 no.1:
55-64 '64.

ACCESSION NR: AP4042094

R/0008/64/015/002/0495/0510

AUTHOR: Pascal, H., Munteanu, F.

TITLE: Method for the determination of thermal conductivity of cylindrical pipes in the case of transitory conductance

SOURCE: Studii si cercetari de mecanica aplicata, v. 15, no. 2, 1964, 495-510

TOPIC TAGS: thermal conductivity, conductivity coefficient, thermal flux, Volterra equation, integral equation

ABSTRACT: The authors present a practical method for the determination of the thermal conductivity coefficient of a cylindrical pipe in the case of transitory conductance. The conductivity coefficient according to a curve showing temperature increase in time on the inside surface after stoppage of the thermal flux can also be obtained from a curve showing temperature decrease on the same surface when there is constant flux conductance. To obtain the temperature variation, the authors deduce a class II, Volterra-type integral equation, the solution of which implies knowledge of the temperature and thermal flux variation of the inside surface of the pipe. They present a method of numerical integration of the Volterra integral equation when the functions of $\phi(t)$ and $\phi_1(t-\lambda)$ are known

Card 1/2

Card 2/2

L 2702-66 EWT(1)/EWP(m)/EWA(d)/FCS(k)/EWA(1)

ACCESSION NR: AP5020112

RU/0008/65/019/003/0517/0541

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B

AUTHOR: Pascal, H.; Munteanu, F.

TITLE: The numerical solution of the equations of nonsteady gas flow in pipes

SOURCE: Studii si cercetari de mecanica aplicata, v. 19, no. 3, 1965, 517-541

TOPIC TAGS: nonsteady flow, pipe flow, gas flow, flow analysis

ABSTRACT: This investigation describes the numerical solution of some problems on nonsteady gas flow in pipes. The calculations are carried out without assuming the linear transformation of the equations. The limiting and initial conditions encountered in the gas flow through pipes are determined, and the equations to be solved are formulated. The solutions are obtained for a general case, when the limiting conditions are any of the functions of time, and the initial conditions are stationary. The numerical integration of the equations is then presented. This is achieved by using the method of "straight lines," which permits the reduction of the integration in the system of equations with partial derivatives to the solving of a system with differential equations. The above method leads to the integration of a system of nonlinear differential equations, the solving of which presents difficulties. For this reason, the "method of perturbances," which reduces the solution of the system to the solving of parabolic linear

Card 1/2

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ACCESSION NR: AP5020112

equations, is applied. Thus, from a mathematical point of view, the solution is reduced to the numerical solving of a system of differential equations, which may be carried out by using analog computers. Orig. art. has: 103 formulas. 2

ASSOCIATION: Institutul de mecanica aplicata "Traian Vuia" al Academiei R.P.R., Bucharest ("Traian Vuia" Institute of Applied Mechanics, R.P.R. Academy); Institutul politehnic "Gheorghe Gheorghiu-Dej" ("Gheorghe Gheorghiu-Dej" Polytechnic Institut)

SUBMITTED: 18Dec64

ENCL: 00

SUB CODE: ME

NO REF SOV: 000

OTHER: 006

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HASL A. H. MONTAN

A method for determining the thermal conductivity of
cylindrical tubes in the case of transient conduction
Sturtevant, J. Appl. Phys. 15, 10, 1944, 10, 10.

1. Summary of the method...

PASCAL, H.

Stationary plane radial flow of a mixture of liquid and gas through a porous medium.

P. 387 (Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STIINTA SI
CERCETARI DE MECANICA APLICATA. Vol. 7, no. 2, Apr./June 1956, Bucuresti, Romania)

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

PASCAL, H.; GROVEANU, T.

The speed of plane waves in a compressible mixture of liquid and gas.
p. 419. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti.
Vol. 6, no. 3, Mar. 1956.

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

PASCAL, H.

721. O. Gheorghe, T., and Pascal, H. Plane wave velocity in a compressible liquid and gas mixtures (in Romanian). *Ann. Inst. Pol. Rom. Univ. B*, 3, 419-422, 1956.

Authors take up previously studied wave equation for a compressible liquid and gas mixture (title source No. 8, 1956), integrating it under assumption of isentropic motion. Obtained result is applied to determining plane wave propagation velocity in a homogeneous porous medium.

21
V. N. Constantinescu, Romania

PASCAL, H.

Distrs HELF

1068. Grovesanu, T., and Pascal, H., Flow radial steady flow of liquid and gas mixture in a porous medium (in Rumanian), Studii si Cercetari Mecan. appl. 7, 2, 387-391, 1955.

Steady flow of liquid and gas mixture toward a well situated at center of circular bearing is considered, flow being assumed plane radial. Using results of previous study [Acad. Republ. pop. Rom. Comun. 4, no. 9, 1955], authors establish formulas giving liquid and gas discharge under different given pressure conditions.

V. N. Constantinescu, Rumania

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RJA

PASCAL, H.; GROVEANU, T.

Flow of compressible mixture of liquid and gas through a porous medium. p. 1311. Academia Republicii Populare Romine. COMPTON PILE. Bucures*1. Vol. 5, no. 6, June 1 55.

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

Pascal, H.

✓ Scurgerea unui amestec compresibil de lichid și gaz printr-un mediu poros. T. Oroveanu and H. Pascal. *Acad. R.P.R., No. 9, 1955, Reprint. 6 pp. In Romanian.*
Study of the flow of a compressible fluid through porous homogeneous and isotropic media, assuming conditions governed by the Darcy law.

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PASCAL, I.

M. PETRESCU, Bull Soc med Bucare t, 1937, 19, 269-272

PASCAL, N.

NICOLAU, C.T., Conf.; URSU, A., dr.; LBIBA, H., dr.; PASCAL, N., dr.

Hemorrhagic diathesis in hypersplenism. Med. int., Bucur. 9
no.2:295-301 Feb 57.

(HYPERSPLENISM, manifestations
hemorrh. diathesis)

(HEMORRHAGIC DIATHESIS, etiol. & pathogen.
hypersplenism)

TOMA, M.; PASCAL, P.; CARAIUSU, I.D.

Clathrus ruber Mich., ex. Pers., a new species in the mycologic
flora of Rumania. Studii biol agr Iasi 13 no.1:25-28 '62.

DOBRESCU, C.; MITITELU, D.; TURENSCHI, E.; PASCAL, P.

New contributions to the flora of Rumania. *Studia biol agr Iasi*
13 no.1:153-156 '62.

ANTOHI, Constantino, P.A. ANP. Via. Cassini, 1414, 10121, Torino.
FURCHUNSON, Elisabetta, ILL. (im. "P. 1985")

insulating schemes for electric machines used to drive the
compressors in the cascaded refrigeration aggregates. Electric te. 1985
12. 10. 1981-1982.

Chief Engineer, Department of Electrical Engineering, Institute of
Electrical Engineering, University of Turin, Italy. 1985
1985-1986. 1985-1986. 1985-1986. 1985-1986. 1985-1986. 1985-1986.

MIHAI, Gh; PASCAL, P.

Contributions to the stud' of the bryophytes in Dobruja.
Studii biol agr Iasi 1/ 2:263-268 '63.

TURENSCHI, E.; MITITELU, D.; PASCAL, P.; TOMA, M.; ZANOSCHI, V.

New contributions to the flora of Moldavia. Studii biol agr
Iasi 14 no.2:269-273 '63.

MINERALOGICAL, No. 108. MINERALOGICAL AND PETROLOGICAL RESEARCH IN USSR.

Outlining and evaluation of ore deposits. See min. of USSR.
284-295 My-Je '64.

PASCALAU, M.; WEISSMAN, E.; TATARU, E.

The Fabry-Perot interferometer with magnetostrictive scanning.
Studii cerc fiz 12 no.4:843-852 '61.

1. Institutul de fizica atomica, Sectia Cluj.

PASCALAU, M.; PECULEA, M.

Apparatus for automatic programmed adjustment of reflex flow.
Rev chimie Min petr 15 no.7:412-413 Ju '64

PASCALAU, M.; IOANOVICIU, D.

A mass spectrometer for the determination of subnatural concentrations of deuterium in hydrogen. Studii cerc fiz 14 no.6:763-768 '63.

1. Institutul de fizica atomica, Sectia V, Cluj.

SZABO, Arpad. dr., FASCALAU, M.

Raising technological level of production through the application of radioisotopes and electronics in the ceramic industry of the Cluj region. Industrii usorara U. no. 111-41. F. 112.

WEISSMAN, E.; PASCALAU, M.; TINTEA, H.; UNGUREANU, C.; FODOR, T.

Construction of Fabry-Ferrot spectrometer for isotopic analyses.
Studii cerc fiz 12 no.4:871-898 '61.

1. Institutul de fizica atomica, Sectia Cluj, Universitatea
"Babes-Bolyai", Cluj.

14298

9/058/62/000/012/018/048
A160/A101

24 3300

AUTHORS: Paşcalău, M., Weissman, E., Tătaru, E.

TITLE: A Fabry-Perot interferometer with a magnetostrictive scanning

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 22 - 23, abstract 12G223
("Studii și cercetări fiz. Acad. RPR", no. 4, 1961, v. 12, 843 -
852, Rumanian; summaries in Russian and French)

✓

TEXT: A description is given of a Fabry-Perot interferometer with a magnetostrictive spectrum scanning. The movable plate of the interferometer is fastened to the end of the ferrico tube with a diameter of 30 mm and length of 100 mm, the other end of the tube is fixed in relation to the stationary plate. The tube is wound with an electrical winding, and is the magnetostrictive unit of the device. The scanning of the spectrum is carried out by shifting the movable plate, whereby the length of the tube magnetostrictively changes. A description is given of the circuit diagram of generating signals fed to the winding. Adjusting devices and a cooling of the winding are provided for. The scanning may be performed with direct current and alternating current of 50 cps, whereby the

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S/058/62/000/010/055/017
A061/A101

AUTHORS: Weissman, E., Pașcaiașu, M., Tintea, H., Ungureanu, C., Fodor, T.

TITLE: Design of a Fabry-Perot spectrometer for isotope analyses

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 8, abstract 10060.
("Studii și cercetări fiz. Acad. RPR", 1961, v. 12, no. 4, 821 - 878
Rumanian; summaries in Russian and French)

TEXT: The present paper describes a device for the scanning of interference bands, based on the mechanical variation of the distance between the plates of the Fabry-Perot etalon. The results are recorded photoelectrically using a PBY-19 M (FEU-19 M) photomultiplier. The device serves for studying fine and hyperfine spectral line structures, and also for performing isotope analyses.

[Abstracter's note: Complete translation]

Card 1/1

PASCALAU, M.; MULLER, A.

Adaptation of the leak detector PTI-4A to mass-spectrometric analyses.
Studii cerc fiz 12 no.1:157-164 '61. (EEAI 10:9)

1. Institutul de fizica atomica, Bucuresti.

(Electric leakage) (Mass spectrometry) (Vacuum)
(Electric apparatus and appliances)

PASCALAU, Mircea; BLAGA, Liviu; BLAGA, Lucia; CHIFU, Alexandra

Control of water purity for densimetric isotopic analysis through the
measurement of electric conductivity. Studii cerc fiz ll no.1:228-
230 '60.

(Water) (Densitometer)

(EEAI 10:1)

(Isotopes) (Electric conductivity)

PASCALI, Dan

A class of analytic solutions for the equation of waves.
Comunicarile AR L² no.2:173-176 F '62.

1. Comunicare prezentata de N. Teodorescu, membru corespondent al Academiei R.P.R.

PASCALI, Dan

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PASCALI, Dan

Representation of solutions of a system with angular derivatives
of the first order, in a plane. Studi di mat. 15 no. 3, 1964,
164.

PASCALI, Dan

The areolar polynomials and the Almansi development in the plane.
Rev math pures 4 no.3:451-455 '59. (EPAI 10:9)

(Polynomials) (Geometry) (Symmetric functions)
(Harmonic analysis)

BC

2-1

Sensitivity of borax and microcosmic beads
 for detection of cations. S. AUGUSTI and J.
 PASCALINO (Mikrochem., 1937, 22, 150-167). - Bead
 tests are sufficiently sensitive for the microchemical
 detection of Cr, Co, and Cu only. For Cu, the sensi-
 tivity is much enhanced by adding to the bead a
 fragment of $BnCl_2$, and then heating in the oxidizing
 and reducing flames. J. N. A.

PASCALIDE, Gh., ing.; POPOVICI, Ana, ing.; SUMITRESCU, Doina, chimist; LAREA,
Silvia, ing.; GHEORGHE, Elena, chimist

Research and results in the field of synthesis and utilization
of flotation reagents. Rev min 15 no.11:592-595 M 1964.

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Foaming agents in ore dressing by flotation. Rev min 15 no.1:26-32
Ja '64.

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Methy-isobutyl-carbinol as a foaming collector reagent for coal flotation. Rev min 12 no.6:271-275 Je '61.

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Measurement of the angles of contact executed for the efficacy
of some collector determination. Rev min 14 no.9:403-410 S '63.

IONESCU, Mircea, ing.; PASCALIDE, Gheorghe, ing.

Progress made in Rumania in the field of reagent synthesis for ore dressing. Rev min 12 no.10:433-439 0 '61.

1. Institutul de Cercetari Miniere.

(Rumania—Ore dressing)

SANIELEVICI, H.; BRODMAN, P.; TEODORESCU, I.; PAUL, V.; PASCALIDE, R.;
IACOB, B.; STULEANU, C.

Organic pigments for plastic materials. Pt 2. Rev chimie Min petr
13 no.11:668-674 N '62.

SANIELEVICI, H.; BRODMAN, F.; IACOB, B.; TEODORESCU, L.; PAUL, V.;
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SANIELEVICI, H.; TEODORESCU, L.; PASCALIDE, R.

Contributions to the preparation of L2A direct resistant ruby
dyestuff. Rev chimie Min petr 13 no.4:202-204 Ap '62.

1

L 64665-65

ACCESSION NR: AP5023227

RJ/0003/64/015/010/0608/0610

AUTHOR: Brodman, Felicia; Pascali, Rixandra

TITLE: Method for the obtaining of chlorinated copper phthalocyanine

SOURCE: Revista de chimie, v. 15, no. 10, 1964, 608-610

TOPIC TAGS: phthalocyanine, pigment, organocopper compound, chlorinated organic compound

ABSTRACT:

The authors describe the preparation of green phthalocyanine pigment by chlorination of blue copper phthalocyanine. The halogenation takes place in a melt of aluminum chloride and thionyl chloride to which chlorosulphonic acid is added after the introduction of blue phthalocyanine. After stirring for a period of up to one hour at 165 to 175 degrees centigrade, chlorinated phthalocyanine with 14 to 16 chlorine atoms per molecule is obtained. Orig. art. has: 1 figure, 2 graphs, 4 tables.

Card 1/2

L 64665-65

ACCESSION NR: AP5023227

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, 00

NR REF SOV: 000

OTHER: 010

JPRS

122
Card 2/2

PASCAL V-STOENESCU, Lidia

Effect of the excitation of intestinal mecanoreceptors upon the depressor reflex departing from chemoreceptors. Studii cerc fiziol no. 4:773-778 '60.

(1. Receptors 2. Intestines)

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

MANOLESCU, N.; PINTILIE, I.; TECDORESCU, V.; STOIAN, M.; SCHIAU, S.;
PASCALCV-STOENESCU, Lidia; STOENESCU, R.; ARSENESCU, Gh.

Cardiovascular modifications in air pilots in the course of the
tests of respiration with oxygen at increased pressure and high-
altitude compensatory garments. Studii cerc fiziol 5 no.1:119-126
'60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. si Centrul medical de aviatie.
2. Comitetul de redactie, Studii si cercetari de fiziologie (for
Arsenescu)

(AIR PILOTS) (PRESSURE SUITS)
(CARDIOVASCULAR SYSTEM) (RESPIRATION) (OXYGEN)

PASCANU, V., conf. ing., candidat in stiinte agricole

Duties of the members of the landed fund section and land organization in 1964. Rev geodezie 8 no.13-8 '64

1. Seful Sectiei fondului funciar si a Organizarii teritoriului din Comitetul de Stat al Apelor.

PASCANU, V., conf. univ., candidat in stiinte; JIANU, E., ing., candidat
ing., candidat in stiinte

Twenty years of activity in the knowledge and rational use
of the land in Rumania. Rev geodezie 8 no. 3:7-16 '64.

1. Head of the Section of the Land and Land Organization, Higher
Council of Agriculture (for Pascanu).

PASHKANU, V. [Pascanu, V.]

Land ownership and utilization in Rumania and in Bujor District
Galati Province. Trudy MIIZ no.11:45-57 '61. (MIRA 14:9)
(Rumania--Land tenure)

PASCARU E., chim.

A new product, the small-sized cardboard matchbox. Ind Lemnului 14
no.10:383-386 0 '63.

LEONTE, Mircea; BESCHIA, Magda; PASCARU, Elvira; STOICA, Maria

Studies on the Fries rearrangement. Studia Univ B-B S Chem
8 no.1:281-296 '63

1. Galati Polytechnic Institute.

L 38578-66 FSS-2 TT

ACC NR: AP6027679

SOURCE CODE: RU/0024/66/000/001/0037/0048

AUTHOR: Pascaru, I. (Engineer; University lecturer; Bucharest)

ORG: none

TITLE: Relief and soil of the moon as seen closely and from a distance

SOURCE: Natura. Seria geografie-geologie, no. 1, 1966, 37-48

TOPIC TAGS: moon, soil, lunar topography

ABSTRACT: The author summarizes recent achievements in studying the moon by means of the Soviet Luna space stations and US Ranger vehicles. The map of the moon resulting from these observations is presented, and the more important relief points and probable soil structure of the moon on both the visible and invisible sides are briefly discussed. [Based on author's Eng. abst.] [JPRS: 36,457]

SUB CODE: 08, 03 / SUBM DATE: none

Card 1/1 ✓

SPACT, I.; BRITAN, Marieta; ...
PASZNYI, I.

IR-spectra of some ...
801-808 ...

1. Chair of Inorganic Chemistry of the University and Institute
of Atomic Physics, Romanian Academy, Bucharest. Published Sep-
tember 30, 19... .

41952
S/194/62/000/003/063/100
D295/D308

AUTHOR: Pascaru, I.

TITLE: Frequency stabilization of a microwave generator

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 9, 1962, 17, abstract 9Zh102 (Studii și cercetări fiz. Acad. RPR, 12, no. 4, 1961, 795-799 (Rum.; summaries in Fr. and Rus.))

TEXT: A circuit for the automatic phase control of a 3 cm range klystron using a quartz oscillator is described. $\pm 2 \times 10^{-6}$ frequency stability over 8 hours has been obtained. The hold-in bandwidth of the automatic control circuit was ± 3 Mc/s. [Abstracter's note: Complete translation.]

Card 1/1

NICOLAU, Cl.; HORER, O.; THOMAS, E.; STROESCU, E.; PASCARU, I.

Free radicals in enzymatic reactions. Pt.1. Studi: cerc chim
12 no. 4:319-323 Ap '64.

1. Research Center of the M.S.P.S.

PASCARU, Ion, conf. univ. ing.

First spatial expedition. St si Teh Buc 16 no.11:26-28 N '64.

PASCARU, Ion, conf. univ., ing.

Two bases of fideism related also by aeronautics. St. al
Teh Buc lc no. 11:42 4? 11 164.

... and, for, ...

April 12, 1961, a year since the publication of ...
cosmos. ...

1. Secretary of the ...

PASCARU, I.; CONSTANTIN, I.; ILIUTIU, I.

Contributions to the theory of physical processes in a medium
by electron's parastatistics. *Journal of Mathematical Physics*,
393-398 '63.

1. Institutul de fizica atomica Bucuresti.