

ABRUDAN, V., ing.; CIOBANU, M., ing.; PETRESCU, Gh., ing.; VILVOI, V.; IONESCU, C., ing.; KESTENBAUM, S.; FORRAI, St., ing.; FUCIU, Martian; NILA, Vasile, ing.; AROMINESEI, Alexandru; MORARU, Nicolae, ing.; BOGHICI, A.; SIMIONESCU, M.

Reduction of specific consumptions of metal. Probleme econ 17 no.12:137-141 D '64.

1. Technical Director, Arad Plant of Railroad Cars (for Abrudan). 2. Chief Technologist, Arad Plant of Railroad Cars (for Ciobanu). 3. Technical Director, "1 Mai" Plant, Ploiesti (for Petrescu). 4. Chief Planning Engineer, "1 Mai" Plant, Ploiesti (for Vilvoi). 5. Director, "Infratirea" Machine Tool Plant, Oradea (for Ionescu). 6. Assistant Chief Engineer, "Infratirea" Machine Tool Plant, Oradea (for Kestenbaum). 7. Chief Technologist, "Infratirea" Machine Tool Plant, Oradea (for Forrai). 8. Director, Arad Plant of Lathes (for Fuciu). 9. Chief Technologist, Arad Plant of Lathes (for Nila). 10. Chief Engineer, Arad Plant of Lathes (for Arominesei). 11. Technical Director, "Independenta" Plant, Sibiu (for Moraru). 12. Director, Sinaia Mechanical Plant (for Boghici). 13. Chief Engineer, Sinaia Mechanical Plant (for Simionescu).

RUMANIA

UDC: 576.851.5:613.287.

IONESCU, Gh., Dr, IENISTEA, C., Dr, IONESCU, Cornelia, Biologist, IGNATESCU, N., Dr, and MAN, T., Medical Assistant, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), Bucharest, and MANN, V., Dr, of the "Bucharest" Dairy Products Factory (Fabrica de Produse Lactate "Bucuresti").

"Frequency of B. cereus in Fresh and Pasteurized Milk."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 5, Sep-Oct 66, pp 423-430.

Abstract [Authors' English summary modified]: In a study of the frequency of occurrence of B. cereus in 108 samples of milk, the authors found positive results in 72.4 percent of the fresh milk samples, 86.7 percent of the bottled pasteurized milk, and 100 percent of the bulk pasteurized milk (directly from the pasteurizing machine). It was not possible to establish a correlation between the presence of B. cereus and fecal contamination of the milk. A total of 213 strains of B. cereus were identified; resistance of the germs was lower in fresh than in pasteurized milk.

Includes a bibliography with 34 entries, of which 3 Rumanian, 10 German and 21 Western. -- Manuscript submitted 19 April 1964.

1/1

IONESCU, Gh., dr.; IENISTEA, C., dr.; IONESCU, Cornelia, biolog

Frequency of *Bacillus cereus* in minced-meat and sausages.  
*Microbiologia* (Bucur.) 10 no.4:327-334 J1-Ag '65.

1. Lucrare efectuata in Institutul de igiena si protectia muncii,  
Bucuresti.

IONESCU, C., candidat in stiinta economice; IACOBVICI-BOLDISOR, C., candidat  
in stiinta economice

Higher valorization of natural resources and territorial distribution  
of industry. Probleme econ 18 no.4:97-109 Ap '65.

IOANESI, N., ing.; IONESCU, C., ing.

Molecular sieves and possibilities of their application in obtaining  
high-octane gasoline. Petrol. si gaze. 12. no. 10: 460-466 0 '61.

(Gasoline) (Adsorption)

FAIBIS, A.; IONESCU, C.; MARINCHESCU, C.; SARAGHA, M.; DOBRE, V.

Additions to the study of the mechanisms of localizing visceral disturbances in the course of neuroses. Note 1: Particularities of visceral disturbances of animals with double stereotypy [salivatory and respiratory] in the course of a neurosis provoked by overstraining the digestive projection of the visceral analyzer. Studii cerc.fisiol. 4 no.3:301-311 '59. (REAI 9:5)  
(VISCERA) (NEUROSES) (SALIVARY GLANDS) (RESPIRATORY ORGANS)  
(DIGESTION)

BLUM, I.; NISTOR, I.; IONESCU, Cornelia

Coke briquette from the nonagglutinant or low-agglutinant coals, obtained by thermochemical treatment. IV. Mechanical resistance of coke briquettes varying and depending on the type and percentage of the binder. Studii cerc energet 11 no.4:675-686 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari de energetica" (for Blum).

IONESCU, G.

Geologic and petrographic studies on the crystalline of the Bihorului Mountains (Biharea). Anuarul Comit geol 32:167-209 '62.



IONESCU, Corneliu

Geologic and petrographic research in the region of  
Girlibaba-Ciocanesti-Iacobeni. Dari seama sed 47:287-297  
'59/60 [publ. '62].

BLUM, I.; NISTOR, I.; CINDEA, V.; IONESCU, Cornelia

Desulphurization of PALV noncoking coals with the steam-air  
agent in a fluidized bed. Rev electrotechn energet B 8  
no.1:113-124 '63.

FONI, I.; SARAGEA, M.; PAUSESCU, E.; SNEER, A.; CLOFOTARU, Margot; IONESCU, C.;  
IONESCU, Cristina; BARBU, R.

Contributions to the experimental study of intestinal obstruction.  
Rumanian M Rev. no.1:155-156 Ja-Mr '61.

1. The Chair of Pathological Physiology of the Medicopharmaceutical  
Institute in Bucharest (Head of the Chair: Assist. Prof. M. Saragea)  
and the Institute of Therapeutics of the R.P.R. Academy, medical team  
of the "I.C. Frimu" Hospital (Head of the team: Prof. I. Turai,  
Corresp. Member of the R.P.R. Academy).

(INTESTINAL OBSTRUCTION pathology)  
(STOMACH pathology) (BILIARY TRACT pathology)

RUMANIA

VEVERA, Val., MD; STANESCU, D., MD; IONESCU, Cristina, MD;  
MEDIANU, I., MD.

Medical Clinic of the "Fundeni" Clinical Hospital (Clinica  
Medicală a Spitalului clinic "Fundeni"); Director:  
Professor G. C. Dimitriu. - (for all)

Bucharest, Viata Medicală, No 5, 1 Mar 63, pp 335-340.

"Arterial Hypertension Secondary to Unilateral Stenosis of  
the Renal Artery."

(4)

IONESCU, C. A.

Rumania/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61336

Author: Ionescu, C. A.

Institution: None

Title: Radioactivity of Warm Mineral Waters of the Herculane Spa

Original

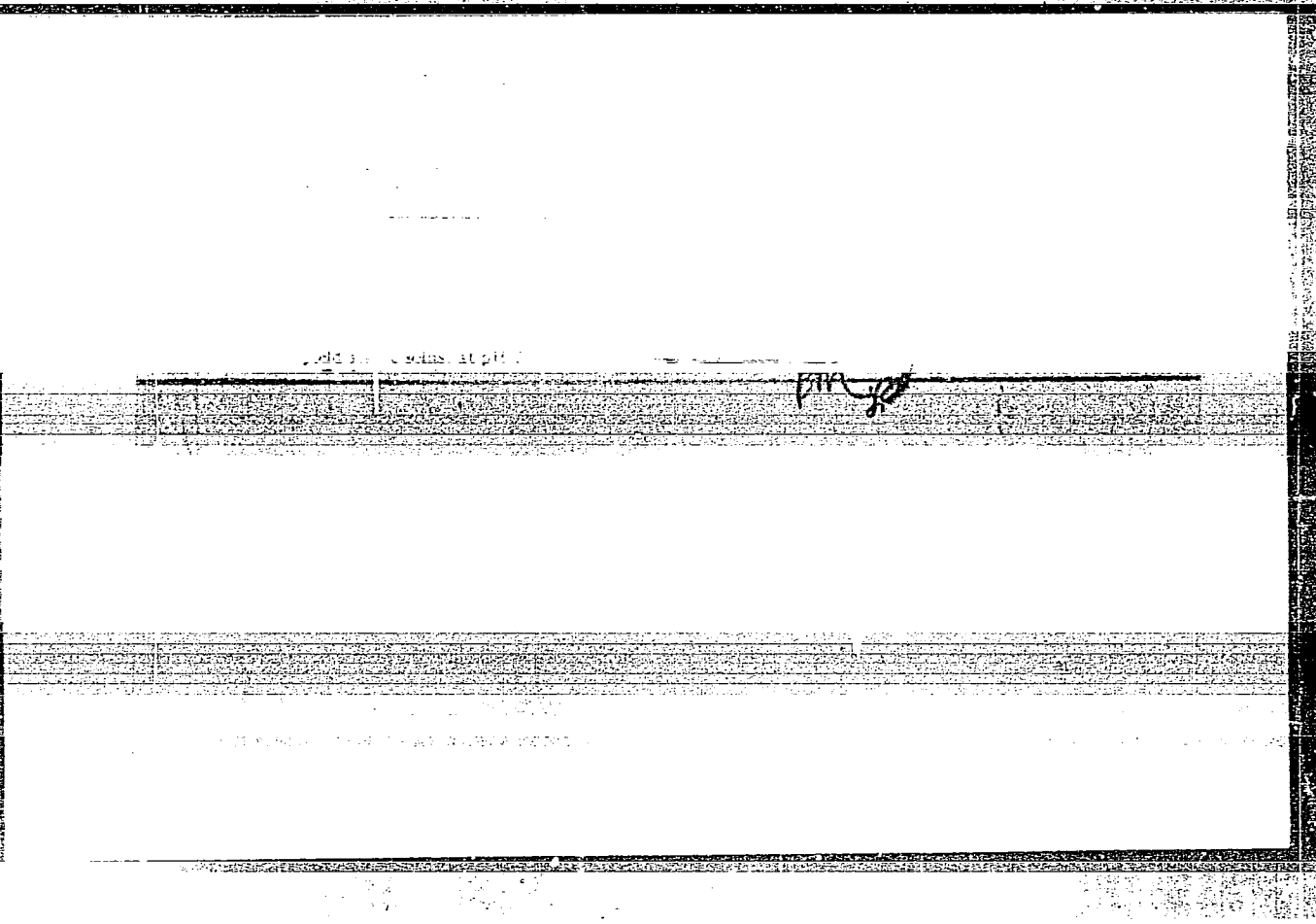
Periodical: Radioactivitatea apelor minerale termale din statiunea Herculane. Bul. stiint, Acad. R. P. Romine. Sec. mat. si fiz., 1955, 7, No 4, 1163-1169; Rumanian; Russian; and French resumés

Abstract: In 9 mineral springs (MS) of Herculane was determined the radioactivity (R) which had undergone almost no changes over many years (1914-1954). MS are thermal (24-55.5°), R 0.22-6.08  $\mu$  Curie/l. Recent investigations were also carried out at sites of utilization (pool, bath). It was found that in the intermediate reservoirs occurs loss of emanation (from 1.38 to 0.03-0.62  $\mu$  Curie/l) and temperature (from 49.5° to 32°-42°).

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IONESCU, C. N.

Preparation of irradiated ergosterol (vitamin D<sub>2</sub>). C. N. Ionescu, I. Polovrăgeanu, and Ruja Gherghinov. *Commun. Acad. Rep. Populare Române* 7, 57-61(1962).—The extra. of ergosterol (I) from dried yeast has been studied, and a simple method of irradiation has been developed which avoids quartz equipment. Ten kg. of dry yeast is extd. at reflux temp. with two consecutive, alc. KOH solns. (30 l. EtOH; 2 l. H<sub>2</sub>O; 2 kg. KOH; 15 l. EtOH; 1 l. H<sub>2</sub>O; 1 kg. KOH), the alc. fractions are distd. under reduced pressure and N atm., the residue, approx. 15 l., is dild. with 15 l. H<sub>2</sub>O and twice extd. with 12 l. Et<sub>2</sub>O, the Et<sub>2</sub>O ext. is neutralized with 650 ml. 3.5% HCl, washed 3 times with 1-l. portions of H<sub>2</sub>O, dried with Na<sub>2</sub>SO<sub>4</sub>, and distd., the residue is cooled to 0°, and the crude ergosterol is filtered off giving 10 g. I. m. 142° (from EtOH). Three g. of I in 20 ml. Ph-CH<sub>2</sub>OH is dild. with 4 l. refined sunflower oil and irradiated with 260-293 mμ light. For this purpose the soln. is poured from a height of 30 cm. through a funnel over a series of 3 cylinders made of stoneware in a CO<sub>2</sub> atm., passing over the cylinders at a rate of 1 l. in 15 min. K. L. R.



DONESCO, C. N.

Synthesis of certain water-soluble derivatives of p-aminobenzoic acids. ~~Journal of Biological Chemistry, 1950, Vol. 180, No. 1, p. 1-10. (1950) - See also 50-12841~~

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LOHMEYER, C. H.

✓ Preparation of 2-ethoxybenzamide

L. Demicheli, V. Niculescu, V. Moro

g. acetyl chloride, 150g. Et<sub>2</sub>O, and 20g. NaOH. The mixture is stirred in LiOH, 0.1g. conc. a/c., pouring the residue into 100 ml. of H<sub>2</sub>O, and filtering of the ppt. and drying it gives 102 g. 2-ethoxybenzamide, yellow powder.



✓ Synthetic anticoagulants C. N. Johnson A. G. Grogan

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JONESCU, C. N.

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✓ Alliein, a bactericide derived from *Allium sativum*.  
C. N. Ionescu, A. Ichin, and S. Zingher (Dept. Pharm.  
Chem., Acad. Sci., Bucharest). *Acad. rep. populare Ro-  
mâne, Studii cercetări chim.* 2, 213-21 (1954).—A new synthe-  
sis for alliein (I) was devised.  $\text{CH}_2=\text{CHCH}_2\text{OH}$  is treated  
with  $\text{HBr} + \text{H}_2\text{SO}_4$  to furnish  $\text{CH}_2=\text{CHCH}_2\text{Br}$  which then is  
treated with  $\text{Na}_2\text{S}_2$  to furnish  $(\text{CH}_2=\text{CHCH}_2)_2\text{S}_2$  (II), which  
is then fractionally distd. at 78-82° and 10 mm. free it  
from any higher sulfides. II is then oxidized with  $\text{H}_2\text{O}_2$   
(30%) in AcOH to furnish I, yellow oil, characteristic odor,  
stable at room temp.,  $n_D^{20}$  1.5628,  $d_4^{20}$  0.91975, sol. in EtOH,  
Et<sub>2</sub>O,  $\text{CHCl}_3$ ,  $\text{C}_6\text{H}_6$ , insol. in  $\text{H}_2\text{O}$ , decolorizes Br in  $\text{H}_2\text{O}$ ,  
and  $\text{KMnO}_4$ ; and decomp. with acids and alkalis. Treat-  
ment with  $\text{Sn} + \text{HCl}$  furnishes  $\text{CH}_2=\text{CHCH}_2\text{SH}$ . With L-  
cysteine in  $\text{H}_2\text{O} + \text{EtOH}$ , I produces S-allylthiocysteine.  
Werner Jacobson

IONESCU, C.N.

✓ A derivative of 4-hydroxycoumarin which is a rodenticide.  
 C. N. Ionescu, I. Selnicu, V. Niculescu, T. Gostea, and  
 O. LEONARDU (Dept. Pharm. Chem., Acad. Sci., Bucha-  
 rest). *Acad. rep. populara Romina, Studii cercetari chim.* 2,  
 no. 3/4, 195-8 (1964); cf. C.A. 48, 6069g. — The known syn-  
 thesis (Bojanowicz, *Przemysl Chem.* 30, 461-483(1951)) for  
 3-(1-phenyl-2-acetyl-ethyl)-4-hydroxycoumarin (I), a good ro-  
 denticide, was modified so that materials available in Ruma-  
 nia are used as raw materials exclusively. The same yields  
 (67%) will be obtained if the dioxane used in the original de-  
 scription is replaced by H<sub>2</sub>O, and the piperidine by quinoline,  
 as solvents. In syntheses similar to those of I one can also  
 obtain the following compds.: (a) from 4-hydroxycoumarin,  
 (II) and *p*-acetamidobenzaldehyde in EtOH under reflux the  
*p*-acetamidophenylmethylenebis(4-hydroxycoumarin), crys-  
 tals, insol. in EtOH, m. 265-7°; (b) from II and *p*-nitro-  
 benzaldehyde the *p*-nitrophenylmethylenebis(4-hydroxy-  
 coumarin), insol. in EtOH, m. 234-8°; (c) from II and *p*-di-  
 methylaminobenzaldehyde the *p*-dimethylaminophenyl-  
 methylenebis(4-hydroxycoumarin), sparingly sol. in  
 EtOH. Werner Jacobson

The preparation of isonicotinic acid hydrazide from molac.

IONESCU, C. N.

*Clem* Contribution to the fight against helminthases in the Romanian's People's Republic. I. The synthesis of hexylresorcinol. C. N. Ionescu, S. Groszkowski, and A. Serper (Pharm. Fac., Bucharest). *Acad. rep. populare Romne, Studii cercetari chim.* 3, 13-19(1955).—This series of papers describes not so much the synthesis of new compds., but rather the synthesis of known compds. from raw materials easily available in Romania. BuOH is transformed into BuBr, which treated with NaCH(CO<sub>2</sub>Et), forms BuCH(CO<sub>2</sub>Et)<sub>2</sub>, which, after treatment with KOH and H<sub>2</sub>SO<sub>4</sub>, yields caproic acid (I). I treated with resorcinol in the presence of ZnCl<sub>2</sub> yields caproylresorcinol (II), b, 205-8°, b, 184-5°, m, 55-6°; oxime, shows m. 180-91° (from 50% EtOH). II undergoes a Clemmensen reduction to furnish hexylresorcinol in 70.5% yield. W. Jacobson

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*Handwritten notes at top left of page.*

✓ Bismuthoxyiodide as an antiluetic medicament  
 Ionescu and I. Polovraganu, *Chem. Ber.* 89, 1000 (1956)  
*Med* US-5(1956)(in English).--BiOI (I) was prepd. by adding  
 Bi(NO<sub>3</sub>)<sub>3</sub> in 30% AcOH to KI in NaOAc soln. The reddish  
 brown ppt. of I was washed, dried at 40°, and sieved.  
 Injectable suspensions of this powder contg. 7.5 g. I  
 were prepd. in sunflower seed oil. Intramuscular injections  
 of 2 ml. given twice weekly are as effective as other more  
 costly antiluetic medicaments. M. L. McEadden

*IONESCU C. N.*

RUMANIA / Chemical Technology. Chemical Products and Their  
Application - Medicinals. Vitamins. Antibiotics

J-3

Abs Jour : Reforat Zhur - Khimiya, No 2, 1958, 5563

Author : Ionescu C. N., Creanga E., Stefania Enache

Inst : Rumanian Academy

Title : Recovery of Morphine from Waste Products of Poppy  
Culture

Orig Pub : Comun. Acad. RPR, 1956, 6, No 1, 47-49

Abstract : On investigating the conventional procedures for the  
extraction of morphine from poppy capsules a study was  
also made of several original extraction methods. Best  
results were obtained with a mixture of chloroform and  
10% alcohol, as well as using the procedure of Kabay

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LONESCU, C. N.

IONESCU, C., AND OTHERS

"Contributions to the control of helminths in Rumania; derivatives  
N, N'-disubstitutes of piperazine with antihelminthic action."

p. 7 (Studii Si Cercetari De Chimie) Vol. 5, no. 1, Jan./Mar. 1957  
Bucharest, Rumania

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

IONESCU, C. N.

COUNTRY : Rumania H-17  
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Synthetic and Natural Medicinals  
 ABS. JOUR. : *RZKhim.*, No. 20 1959, No. 72253  
 AUTHOR : Ionescu, C. N.; Ichim, A.  
 TITLE : Quaternary Ammonium Salts Having Germicidal Action  
 ORIG. PUB. : Farmacia (Romin.), 1958, 6, No 4, 305-315

ABSTRACT : Presentation of the most important experimental data concerning synthesis, physical, chemical, and biological properties of 9 quaternary ammonium salts. Salts containing in their molecule a cetyl radical were found to have highest activity. Literature data on correlation between molecular structure and germicidal action, are reviewed. The mechanism of the action and the use of these salts are described in general. Bibliography 46 references.

CARD:

RUMANIA / Chemical Technology. Chemical Products and H  
 APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005 710

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12378.

Author : Ionescu, C. N.; Anitescu, C.  
 Inst : Not given.  
 Title : On the Problem of Obtaining Iodine in the Rumanian People's Republic. II. Extraction of Iodine from the Waters of Oil Wells in Boldesti.

Orig Pub: Comun. Acad. RPR, 1958, 8, No 2, 165-169.

Abstract: Results are cited of tests for extracting I from drilled waters. A method is proposed which includes purification of water from naphthenates, oxidation of I- by means of NaNO<sub>2</sub>, adsorption of I<sub>2</sub> by carbon obtained by burning sawdust, desorption and reduction by a Na<sub>2</sub>SO<sub>3</sub> solution, extraction of I

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RUMANIA / Chemical Technology. Chemical Products and      H  
Their Applications. Soda Industry.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12378.

Abstract: from a solution of NaI and purification of I. Bib.  
9 titles. For Report I, see Bul. Stiint. Acad.  
RPR, 1950, 2,3. -- From the authors' resume.

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IONESCU, C., AND OTHERS.

Extraction of the active elements of Tanacetum vulgare. p. 279.

COMUNICARILE. Bucuresti, Rumania. Vol. 8, no. 3, Mar. 1958.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 9, September, 1959.

Uncl.

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R/007/61/012/010/001/001  
D019/D105

11.0122

AUTHORS: Ioanesi, N., Engineer, and Ionescu, C., Engineer

TITLE: Molecular sieves. Their potential application in the production of high-octane gasolines

PERIODICAL: Petrol și Gaze, v. 12, no. 10, 1961, 460 - 466

TEXT: After a brief introduction on the properties and application of molecular sieves, the authors describe their application in the separation of n-paraffinic hydrocarbons from the other hydrocarbons present in gasoline fractions, in order to increase the octane number of gasolines. The authors briefly mention the "Molex" and "Texaco" processes, and present some results obtained in a "Parasorb" pilot station. In this installation, 642 cu m/day of catalytic reformat with an octane number of 80, or 94 after ethylation, have been subjected to separation, producing 572 cu m/day of "denormalized" product with an octane number of 89, or 99 after ethylation, and 70 cu m/day of "normalized" product. Fig. 6 shows the operation principle of the "Parasorb" installation. All experiments have proved the

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Molecular sieves. Their potential .....

advantages of applying the separation process by molecular sieves in addition to catalytic reforming. This combination has also been studied in connection with the possible improvement of the catalytic reforming process by previous treatment of the material by molecular sieves. Laboratory tests have confirmed that the removal of n-paraffins before the reforming operation has the following advantages; (1) increase in the efficiency of the reforming installation; (2) achievement of the same reformat at a lower temperature; and (3) use of the separated n-paraffins as a raw material in isomerization, pyrolysis and fuel preparation. The application of the separation process is especially advantageous in an isomerizing installation with platinum catalyst. Tests carried out in a pilot station to separate an isomerization product of the following composition: nC<sub>6</sub> - 26.3% and iC<sub>6</sub> - 73.7%, produced in the desorption the following three products: (1) a "denormalized" product with a concentration of 98.5% iC<sub>6</sub>, representing 67.0%; (2) a low-pressure product, the concentration of nC<sub>6</sub> and iC<sub>6</sub> being approximately equal; and (3) a

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Molecular sieves. Their potential .....

desorption product with a concentration of 94.7%. The intermediate product amounted to approx. 10%; its recirculation or its use in isomerization was possible. If no high degree of purity is required, it may be admixed to the "denormalized" product. The separation process with molecular sieves is generally added to isomerization or even to isomerization with additional catalytic reforming, allowing for the processing of gasoline until a very high octane number is reached. There are 8 figures, 3 tables and 13 references: 2 Soviet-bloc and 11 non-Soviet-bloc. The four most recent references to English-language publications read as follows: J. F. Walter and M.J. Sterba: The 5th World Congress on Petroleum, New York, 1959, v. III, p. 15 - 27; R.G. Brown, R.A. Rightmire, and N.A. Strecker: The 5th World Congress on Petroleum, 1959, v. III, p. 299 - 310; G.R. Brown, R.A. Rightmire, and H.A. Strecker: The Oil and Gas Journal, v. 57, no. 24; and, Chemical Engineering, 11, 1956, p. 128 - 130.

Card 3/5

LH

BRANINSKI, A.; KATHREIN, A.; IONESCU, C. St.; FRUCHTER, S.

Transformations and reactions of marine magnesium hydroxide  
in the presence of various mineralizers and fusing agents  
during its calcination and sintering. Studii cerc metalurgie  
6 no.3:315-339 '61.

DUMITRESCU, Traian; IONESCU, Constantin; SOLACOLU, M.

Determining kinetics of austenite transformation into bainite.  
Studii cerc metalurgie 6 no.4:359-374 '61.

1. Membru al Comitetului de redactie, "Studii si cercetari de  
metalurgie" (for Dumitrescu).

DUMITRESCU, Tr.; IONESCU, C.St.; SOLACOLU, M.

Studies on the isothermic transformation of austenite in some alloyed and nonalloyed steels. Studii cerc metalurgie, 7 no.3:283-303 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari de metalurgie" (for Dumitrescu).

IONESCU, Constantin, St.; SOLACOLU, Maria

Some scientific criteria for the thermal treatment of steels.  
Metalurgia constr mas 14 no.4:302-317 Ap '62.

1. Centrul de cercetari metalurgice.

IONESCU, C.

"Thermal treatment of steel" by A.P. Gul'saev [Gul'yayev, A.P.].  
Reviewed by C. Ionescu. Metalurgia constr mas 14 no.8:763-764  
Ag '62.

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RUMANIA

DUMITRESCU, Traian; IONESCU, Constantin Şt.; SOLACOLU, Maria

(None)

Bucharest, Studii si Cercetari de Metalurgie, No 2, 1963,  
pp 131-153

"Aspects of the Process for Forming 'Bainite' in Some  
Carbon Steels and Alloys Fe-C-Mn."

(3)



DUMITRESCU, Traian, ing.; IONESCU, Constantin St., ing.; SĂLĂCĂLUȚĂ, Maria, ing.

Contributions to the knowledge of the isothermal transformation of austenite in the Ar' domain. Metalurgia constr mas 15 no.1:9-18  
Ja '63.

1. Centrul de cercetari metalurgice al Academiei R.P.R.

MIHAIESCU, Constantin D., ing.; IONESCU, Constantin, ing.

Construction of semiellipsoidal bottoms with piston rings.  
Metalurgia constr mas 13 no. 4: 339-344 Ap '61.

1. Uzinele "23 August".

DUMITRESCU, Traian; IONESCU, Constantin St.; SOLACOLU, Maria

Aspects of the forming process of nainite in some carbon  
steels and Fe-C-Mn alloys. Studii cerc metalurgie 8 no.2:  
131-153 '63

DUMITRESCU, Traian; IONESCU, Constantin St.; SOLACOLU, Maria

Aspects of the bainite formation process in some carbon steels  
and Fe-C-Mn alloys. Rev Roum metalurg 8 no. 2:155-174 '63.

DUMITRESCU, Traian; IONESCU, Constantin St.; GUTU, Anca

Mechanical properties of the isothermal transformation structures of austenite for some poor alloy steels. Studii cerc metalurgie 9 no.2:129-146 '64.

DUMITRESCU, Traian; IONESCU, Constantin St.; GUTU, Anca

Mechanical properties of isothermal transformation structures of  
the austenite of some poor steels in alloy elements. Rev Roum metal-  
lurgie 9 no.2:161-179 '64.

IONESCU, Constantin, Ing.; ADAM, Liliana, Ing.

Behavior of sole leather permeability to water. Industria usoara 11  
no. 9:452-461 S '64.

1. Head of the Leather Section, Leather and Rubber Research Institute,  
Bucharest (for Ionescu). 2. Physicomechanical Laboratory, Leather and  
Rubber Research Institute, Bucharest (for Adam).





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RUMANIA

616.916-085.371 (6)

CAJAL, N., CEPLEANU, Maria, SORODOC, Yolanda, IONESCU, S., GARTNER, Magda, IANOPOL, Ligia, BOGHITOIU, Gh., FRIEDMAN, O., HULUTA, Liliانا, and IONESCU, Doina, of the Institute of Inframicrobiology (Institutul de Inframicrobiologie) of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Specific Prophylaxis in Measles. II. The Testing on Children of a Vaccine Prepared with Modified Live Virus."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 5, 66, pp 377-387.

Abstract: An anti-measles vaccine prepared with modified live M60-5Huang virus was tested on 220 children. Only minor clinical reactions resulted, with a complete absence of rashes or convulsions. One month after vaccination serum conversion was 79.41 percent, and the titer of anti-measles hemagglutination-inhibiting antibodies varied between 1/80 and 1/320. After 4 months the corresponding values were 75 percent and 1/40 to 1/80. Thus the vaccination seems to confer a specific immunity, which so far has protected the vaccinated children against measles.

IONESCU, D. ; COHN, I. ; EVGHENIDE, C.

IONESCU, D.; COHN, I. ; EVGHENIDE, C. Means of reducing losses in the extraction of crude oil. p. 494.

Reduction of damage in boring shafts. p. 499.

Vol. 6, no. 10, Oct. 1955  
RUMANIAN-SOVIET friendship  
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

IONESCU, D.

IONESCU, D. New means of protection of high-pressure pipelines in the petroleum industry: cable sheathing of plastic materials. p. 510.  
From the activity of the Scientific Association of Engineers and Technicians; a conference on "Preparation of Crude Oil for Processing."  
p. 511

Vol. 6, no. 11, Oct. 1955  
RUMANIAN-SOVIET Friendship  
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 N. 4 April, 1956

IONESCU, D.

The D. G. Moreni dynamograph. p. 45. PETROL SI GAZE. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Industriei Petrolului) Bucuresti. Vol. 6 (i. e. 7) no. 1, Jan. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

IONESCU, D.

Introduction of deviation catters without surfact orientation. p. 103

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

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

IONESCU, D.

Determination of the best time for the replacement of deep oil well pumps.  
p. 122.

PETROL SI GAZE

Vol. 7, no. 3, Mar. 1956

Rumania

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

IONESCU, D.

Effect of dead rock on coking properties of gas coal in Rumania; gas coal  
from Lupeni, Jiu Valley. p. 154.

REVISTA MINELOR

Vol. 7, no. 4, Apr. 1956

Rumania

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

IOHESKU, Dan. [Jonescu, Dan]

Oil fields of Rumania. Bezop. truda v prom. 1 no.1:35 Ja '57.  
(MLBA 10:4)

1. Nachal'nik Tekhnicheskogo upravleniya Ministerstva neftyanoy  
promyshlennosti Rumynskoy Narodnoy Respubliki.  
(Rumania--Oil fields)



IONESCU, D.; PAUN, A.; DOBRESCU, E.I.

Possibilities of improvement of the semicarbonizing process in fluidized stratum for the necessities of metallurgic coke. Studii cerc metalurgie 8 no.1:75-90 '63.

IONESCU, D.; PAUN, A.; DOBRESCU, Elena

Improvement of the low temperature carbonization process in a fluidized bed. Rev Roum metalurg 8 no. 2:211-227 '63.

JONESCO D. AND STANATESCO S. L'action antibiotique de culture du bacille mesenterique sur le virus rabique fixe The antibiotic effect of a culture of Bacillus mesentericus on the fixed virus of rabies Archives Roumaines de Pathologie Experimentale et de Microbiologie, Bucharest 1948, 15/1-2 (302-304)

Filtrates from cultures of Bacillus mesentericus, which are 17 days old, have an antibiotic effect on the fixed virus of rabies. These filtrates remain active for 23 days only. When one part of an emulsion of the brain and fixed virus of rabies is mixed with one part of the filtrate, intracerebrally inoculated rabbits develop the disease after an incubation lasting two days longer than in the controls. If one part of an emulsion of the brain and virus of rabies fixed at 1/100 is mixed with one part of the filtrate and kept at 37° for one hour, subsequent inoculation into rabbits by the intracerebral route does not produce the disease.

Mesrobeanu - Bucharest

So: Medical Microbiology and Hygiene, Section IV, Vol 9, No. 1-6

② 0912295

COUNTRY : Rumania  
 CATEGORY : Farm Animals, Horses. Q-2  
 ABS. JOUR. : RZBiol., No. 4, 1959, No. 1662  
 AUTHOR : Ionescu, D.; Sirbu, I.  
 INST. : Bucharest Institute of Agronomy.  
 TITLE : Biometrical Studies of Horses of the Rumanian Mountain Breed.  
 ORIG. PUB. : Annarul Lucrar. stiant. Inst. agron. Iasi Bucuresti, 1957, 185-201  
 ABSTRACT : As a result of studying the Rumanian West Carpathian Mountain horse it was established that it is 126.36 cm tall at the withers, has a diagonal body length of 129.04 cm, a chest circumference of 143.18 cm, a metacarpus circumference of 16.10 cm. In 47.06 percent the basic color is bay, in 26.47 percent black, in 13.73 percent chestnut, and in 9.8 percent gray. These horses are of a sturdy constitution, have a lively temperament, and are well

CARD: 1/2

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Country : Rumania  
 CATEGORY : Farm Animals, Horses. Q-2  
 APPROVED FOR RELEASE Thursday, July 27, 2000 CIA-RDP86-00513R0005 710  
 ABS. JOUR. : RZBiol., No. 4, 1959, No. 1662  
 AUTHOR :  
 INST. :  
 TITLE :  
 ORIG. PUB. :  
 ABSTRACT : adapted to the local natural conditions. It is recommended to instrument the crossing of the mountain horse with the Guzul breed horse and to improve feeding and keeping conditions. -- I. S. Koval'chuk

CARD: 2/2

Ionescu, D.

MINULESCU, M.; BIRZU, I.; CRETU, S.; IOVANESCU, F.; IONESCU, D.;  
 NICOLAE, G.; PAULICH, S.; ROTARIU, A.; RUSOVICI, I.;

MARINESCU, G.; NAUM, D.; DIACONU, J.; IONESCU, D.

Aspects of the problem of respiratory forms of APC virus infections  
in children. Cas.lek.cesk 100 no.34:1080-1082 25 Ag '61.

1. Klinika infekcniã chorob, Colentina, Bukurest, prednosta prof. dr.  
M. Voiculescu.

(RESPIRATORY TRACT INFECTIONS virol)  
(VIRUS DISEASES in inf & child)

WOLFSHAUT, C.; IONESCU, D.; CRISTOVEANU, Ana; STROE, Emilia; BUSILA, Eugenia;  
SAVESCU, Gh.; GALU, Sanda; MITRACHE, Lușmila.

Problems concerning a case of hyperadrenocorticism. Stud. cercet.  
endocr. 13 no.5:699-702 '62.

(ADRENAL CORTEX HYPERFUNCTION) (ADRENOGENITAL SYNDROME)

*Ionescu, D.*

RUMANIA

LAZAREANU, M., MD; APOSTOL, N., MD; IONESCU, N., MD; IONESCU, D., MD.

Clinic ORL II, Institute of Medicine and Pharmacy, Bucharest.  
(Clinia ORL II, IMF.) - (for all)

Bucharest, Viata Medicala, No 7, 1 Apr 63, pp 433-439.

"Comments on Congenital Deafness Caused by Maternal-Foetal Infections."

(A)

RUMANIA

IONESCU, D., Veterinary Physician; SASU, V., Veterinary Physician; HAGIU, N., Veterinary Physician; SASU, Elena, Veterinary Physician; and TASCA, S., Veterinary Physician, Faculty of Veterinary Medicine (Facultatea de medicina veterinara) Iassi.

"Aspects of Acute Experimental Poisoning with Heclotox, Detox and Duplitox in Animals"

Bucharest, Revista De Zootehnie si Medicina Veterinara, Vol 16, No. 7  
June 1966; pp 62-70

Abstract: [English summary modified] Study of toxicity of Heclotox (gamma-hexachlorocyclohexane with 3% lindane); Detox (DDT 25%) and Duplitox (3.5% DDT and 0.5% lindane) in sheep, rabbits and guinea pigs in varying peroral doses. Both by the lethal dose and by the effect on hematologic data and histopathology, sheep were much more resistant to all three of these preparations on a mg/kg basis than the other two species. 3 tables, 7 Rumanian references.

IONESCU, D.

Engineer's brake valve, and its perfecting.

P. 180 (REVISTA CALOR FARAITE) (Bucuresti, Rumania) Vol. 5, no. 9, Sept. 1957

30: Monthly Index of East European Accessions (ZEAI) IC Vol. 7, No. 5. 1958



IONESCU, D.

The present stage of overcharging diesel motors. p. 107.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romina si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Rumania. Vol. 6, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7, July 1959

Uncl.

IONESCU, D.

IONESCU, D. S. B. I. type of precast-concrete supports of underground galleries.  
p. 361.

Vol. 7, no. 8, August 1956

REVISTA MINELOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

CIORASCU, F.; GRAMARIUC, R.; CROITORU, M.; CROITORU, P.; IONESCU, D.  
SEMNESCU, G.

Electrostatic generator with band. Studii cerc fiz 11 no.4:1033-1041  
'60. (KRAI 10:8)

1. Institutul de fizica atomica, Bucuresti. 2. Comitetul de redactie,  
Studii si cercetari de fizica, redactor responsabil adjunct (for  
Ciorascu).

(Electrostatic generators)

IONESCU, Dan, ing.

Choosing the constructional elements of naval propellers and  
their influence on the propeller action. Rev transport 10  
no.6:270-275 Je '63.

IONESCU, Dan, ing.; IONESCU, Leontina, ing.

Ships with bearing wings. Rev transport ll no.9:407-418 S '64.

GENTEA, Alexandra, dr.; MLADIN, Tr, dr.; GHERMAN, Gr., dr.; SOLOMON, O., dr.;  
IONESCU, Domitia, dr.; ARDEVAN, A., dr.

Pulmonary tuberculosis in the gastrectomized. Med. intern. 15 no.1:  
83-92 Ja '63.

1. Lucrare efectuata in Clinica de ftiziologie, I.M.F. Cluj (director:  
prof. L. Daniello).  
(GASTRECTOMY) (TUBERCULOSIS, PULMONARY)

IONESCU, Dumitriu, conf. ing.; ANTON, Gheorghe, asist. ing.; TANASUICA,  
Ioan, asist. ing.

Principles for selection of type of marshaling yard. Rev cailor fer  
ll no.2:67-72 F '63.

1. Institutul Politehnic Bucuresti.

IONESCU, D.A.

Anatomophysiology of cerebellar auditory and visual projections.  
Functional significance. Stud. cercet. neurol. 10 no.3:137-158  
Je '65.



IONESCU, Dumitru C.

Measuring methods of the tensor of magnetic susceptibility of ferrites.  
Studia cerc fiz 15 no.4:407-413 '64.

1. Institute of Physics, Bucharest.

IONESCU, Dimitrie D., ing. (Bucuresti); SEVER, Muja, ing. (Bucuresti)

"Life in the universe" by Aleksandr Ivanovich Oparin and Vasilii Grigor'yevich Fesenkov. Reviewed by Dimitrie D. Ionescu and Muja Sever. *Natura Biologie* 13 no.6:78 N-D '61.

IONESCU, Dimitrie D., ing. (Bucuresti); SEVER, Muja, ing. (Bucuresti)

"Forest and ornamental trees and shrubs cultivated in Rumania"  
by I. Dimitriu-Tataranu and others. Reviewed by Dimitrie D.  
Ionescu and Muja Sever. Natura Biologie 13 no.6:78-79 N-D '61.

\*

ROMANIA

IONESCU, D., Fundulea [affiliation not given]

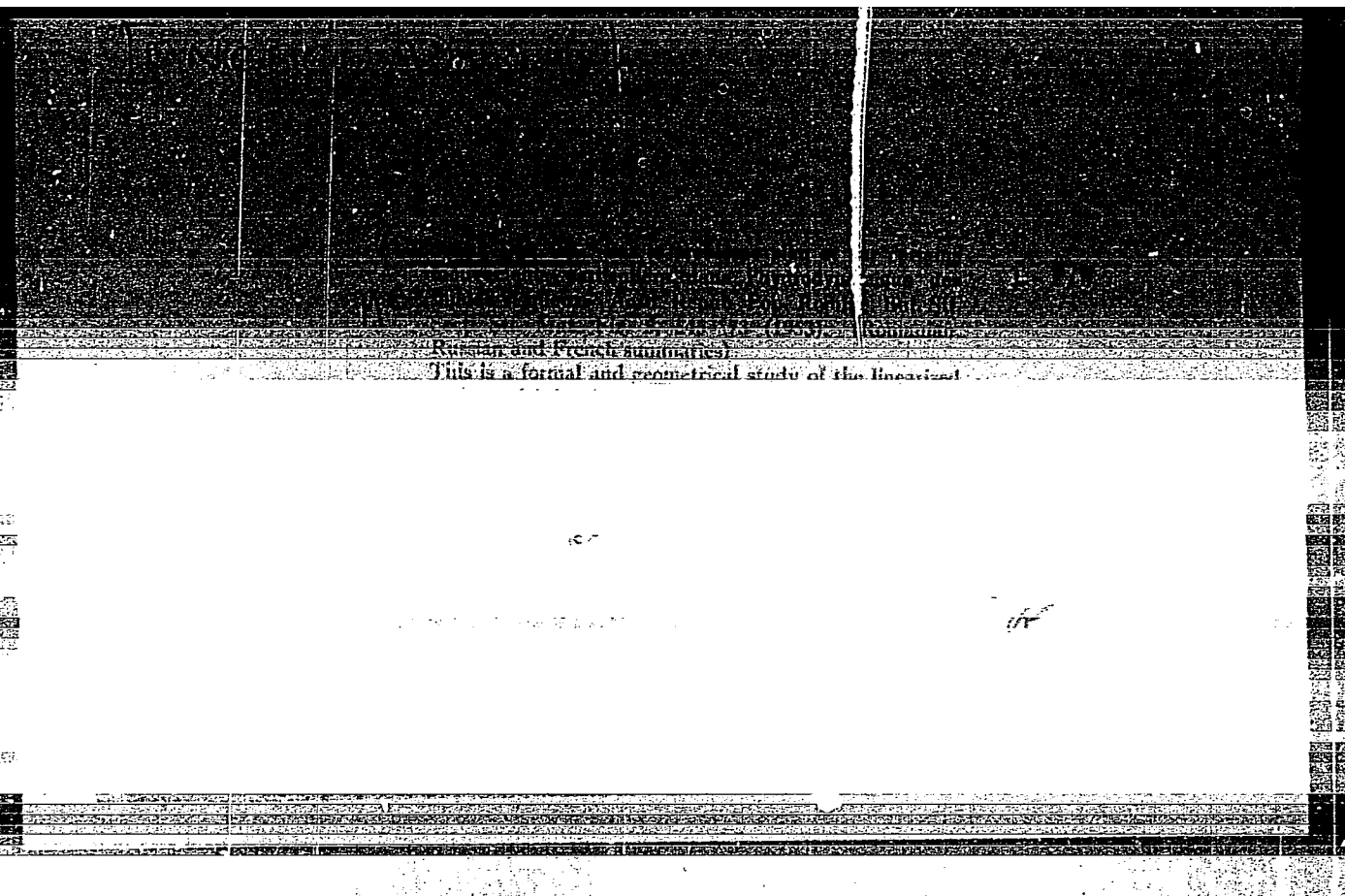
"On the Achievements in the Field of Leguminous Plant Improvement."

Bucharest, Natura. Seria Biologie, Vol 15, No 1, Jan-Feb 1963, pp 37-46.

Abstract: Describes the experiments and results of the Research Institute on Cereals and Industrial Plants of Fundulea with regard to the testing of the various types of domestic and imported peas, beans, lentils and soya beans on various types of soils.

Includes 7 tables.

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IONESCU, D. Gh.

vector

IONESCU, Dan Gh. Sur le vecteur de Galerkin dans la  
théorie de l'élasticité et dans l'hydrodynamique  
guides écoulements. Acad. Roum. Ser. Économie

5

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~~Dr. I. Ionescu, Dan Gh.~~

Asupra Mișcării turbulente a Unui lichid Greu Într-o Conductă Circulară Neteză. D. Dumitrescu and Dan Gh. Ionescu, Stud. Cerc. Mec. Aplic., July-Dec., 1955, pp. 323-331. In Rumanian. Study of the turbulent motion of a heavy liquid in a smooth circular pipe, based on Reynolds equations and on the assumption that the mixing is a linear function of the wall distance.



**Ionescu, Dan Gh.** Sur l'application de la théorie des fonctions de variable complexe dans l'hydrodynamique des fluides visqueux. I. Formules fondamentales. *Com. Acad. R. P. Rouine* 6 (1956), 701-704. (Romanian. Russian and French summaries)

In the present paper the author applies the Muskhelishvili-Vekua theory of singular integral equations to the problem of the slow motion of viscous incompressible fluids. The author transforms the fundamental equations into complex ones, and the different components of motion are obtained in terms of these new functions.

*K. Bhagwandin (Blindern).*

**Ionescu, Dan Gh.** Sur l'application de la théorie des fonctions de variable complexe dans l'hydrodynamique des fluides visqueux. II. Résolution du premier problème aux limites pour le cercle et la couronne circulaire, à l'aide des séries entières. *Com. Acad. R. P. Rouine* 6 (1956), 1059-1063. (Romanian. Russian and French summaries)

The necessary coefficients obtained in the previous paper [see preceding review] are determined explicitly. Exact expressions are obtained for the case of the rotational motion of the fluid between two co-axial cylinders, and the motion of a circular cylinder through the fluid bounded by a circular contour. *K. Bhagwandin.*

JFW

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1-4E48

1-4E48

11

IONESCU, D.

Application of the theory of functions of a complex variable in hydrodynamics of viscose fluids. II Solution of the first limit problem for the circle and the circular rings by means of power series.

P. 1059 (Academia Republicii Populare Romine.Comunicarile. Vol. 6, no. 9, Sept. 1956  
Bucuresti, Rumania)

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

Ionescu, D.; Dumitrescu, D.

Numerical methods in the study of the axially symmetrical motion of ideal fluids.  
p. 919.

Academia Republicii Populare Romine. STUDII SI CERSETARI 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.

IONESCU, D.; DUMITRESCU, D.

Numerical methods for studying the axial-symmetrical motion of ideal fluids. In English. p.429.

REVUE DE MECANIQUE APPLIQUEE. (Academia Republicii Populare Romine.  
Institutul de Mecanica Aplicata)  
Bucuresti, Rumania  
Vol. 4, no. 3, 1959.

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

DUMITRESCU, D.; IAMANDI, G.; IONESCU, D. Gh.

Canals with lateral evacuation. Studii cerc nec apl 12 no.6:1205-1218 '61.

1. Membru corespondent al Academiei R.O.R. (for Dumitrescu)

IONESCU, Dan Gh.

Application of the theory of the functions of complex variables  
in the hydrodynamics of viscous fluids. III. Solution for the  
domains simply connex. Studii cerc nec apl 13 no.1:47-50 '62.

IONESCU, Dan Gh.

"Cavitation in hydrodynamics." Reviewed by Dan Gh. Ionescu.  
Studia cerc mec apl 13 no.5:1341-1342 '62.

R/008/63/000/001/005/006  
A065/A126

AUTHOR: Ionescu, Dan Gh.

TITLE: The method of analytic functions in the hydrodynamics of viscous liquids

PERIODICAL: Studii și cercetări de mecanică aplicată, no. 1, 1963, 169 - 203

TEXT: The purpose of the article is the systematic application of the theory of complex variable functions to the study of the laminar slow and permanent flow of viscous liquids. Specially considered are the general problems regarding the solution, its existence and uniqueness, as well as the possibility of using some approximative methods. In the first chapter the author establishes by the Goursat functions, i.e. the  $\psi_1(z)$  and  $\psi_2(z)$  functions, the expressions of velocity, pressure and stresses, and studies the shapes and properties of these functions, especially the shape of the Goursat functions in the case of multiply-connected fields containing the infinite point. In the second chapter he establishes the boundary problem, the theorem of uniqueness and the paradox of Stokes. The third chapter contains the solutions for the simply-

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2/008/63/000/001/005/006

5/A126

The method of analytic functions in...

connected fields, where the author establishes the fundamental equation of the problem, the reduction to an integral equation and approximation method, the solution for a circle, the solution for a half-plane, the motion around an elliptic cylinder, and the motion along an infinite wall. The method used is based on the properties of the Cauchy integral and is analog to that developed by N. I. Muskhelishvili. The fourth chapter deals with the solution of multiply-connected fields, including the case of limited fields, the case of fields containing the infinite point, the solution by successive approximations, and the rotation of a circular cylinder located in the vicinity of an infinite plane wall. In each case the problem is reduced to an integral equation similar to those obtained by G. Lauricella and D. I. Sherman in the theory of elasticity. These equations permit a demonstration of the theorem of existence and an indication to the convergence of an algorithm of successive approximations which generalizes that of Schwarz for the problem of Dirichlet. There are 5 figures.

SUBMITTED: September 19, 1962

Card 2/2

IONESCU, Dan Gh.

Method of analytic functions in the hydrodynamics of viscous liquids. Rev mec appl 8 no. 4: 675-709 '63.

S/081/62/000/002/043/107  
B151/B108

AUTHORS: Semenescu, G., Ionescu, D. R.

TITLE: An apparatus for obtaining pure hydrogen

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 176, abstract  
2Ye77 (Studii si cercetari fiz. Acad. RPR, v. 12, no. 1,  
1961, 75 - 78)

TEXT: An arrangement for automatic electrolysis to obtain H<sub>2</sub> used in ion  
sources is described. The purification of the H<sub>2</sub> obtained is carried out  
by passing it through a heated Pd diaphragm. [Abstracter's note: Com-  
plete translation] ✓

Card 1/1

*Lomonosov, D. V.*

Lomonosov, D. V. *Selected papers on the theory of differential equations*

Source: *Mathematical Reviews*, Vol. 1, No. 11

LONESCU D. V.

LONESCU D. V. The arithmetic theory of...

Let  $f(x)$  be a...

Source: Mathematical Reviews,

Vol 10, No. 1

7-15-80 D.V.

Ionesco, D. V. Relations entre polynomes définis par cer-  
taines relations de récurrence. Mathématique. Timisoara

some of them relating  $U_n$  to the eigenvalue polynomials  
 $P_n(x)$  defined by (1).  $P_n(x) = x^n + a_{n-1}x^{n-1} + \dots + a_0$   
formulas (ii)  $U_n(x) = U_{n-1}(x) - U_{n-2}(x)$  and (iii)  $U_n(x) =$   
 $U_{n-1}(x) + U_{n-2}(x)$ .

Ionesco, D. V. : Relations Between Polynomials Defined by Certain

Jonesco, D.V.

83

Jonesco, D. V. *Sur les formes quadratiques.*  
*Ann. École. Norm. Sup. (4)* 1947  
 Let  $F, G, H$  be three quadratic forms in  $n$  variables over a field  $K$ . Let  $(m_1, \dots, m_n)$  be the pole with respect to  $F=0$  of the polar hyperplane of  $I$  with respect to  $G=0$ . For  $n=3$  there is an application.

C. C. MacDugge (Madison, Wis.)

Math. Reviews,

Vol. 7, No. 2

375A

000

**Lionsco, D. V.** Quelques problèmes de géométrie linéaire  
Acad. Roum. Math. Sci. Ser. 10, 1967

$x$  is a point of the  $x$ -axis.  
Let  $V$  denote the volume in the usual sense between  
 $z=f(x, y)$  and  $z=0$  within limits  $x=u\pm\lambda$ ,  $y=v\pm\mu$ . The  
author states three problems: to determine the respective  
surfaces  $S$  for which the respective  
partial derivatives  
of the volume with respect to  
the parameters  $\lambda, \mu, \nu$

... paper. Solutions of the single equation  
are enumerated and adapted to each of the stated problems.  
**P. E. Guenther** (Cleveland, Ohio).

Source: Mathematical Reviews. v. 12 No. 10



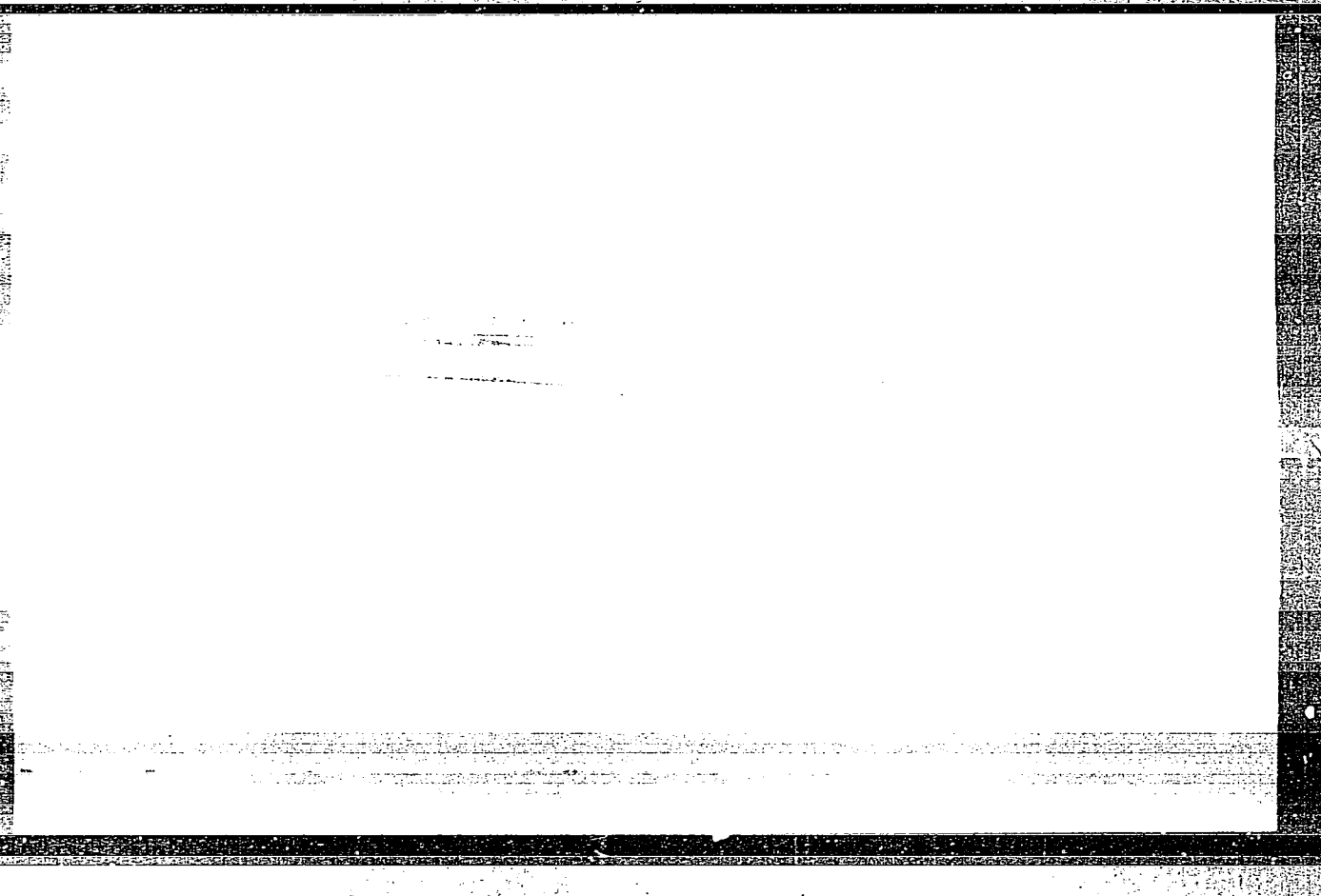
750

Ionescu, D. V. Obituary: N. Abramescu. *Mathematica*  
Cluj-Napoca 23: 139-146 (1978)

Source: *Mathematical Reviews*,

Vol 10 No 3







IONESCU, D. V.

with  $P(x)$ . In case  $a_n = a_{n+1}$ , then  $f(x) = \sum_{n=0}^{\infty} a_n x^n$

obtains  $P(x) = Q(x)$ , hence

$$\sum_{n=0}^{\infty} a_n x^n = \sum_{n=0}^{\infty} a_{n+1} x^n$$

$$\sum_{n=0}^{\infty} a_n x^n = \sum_{n=0}^{\infty} (a_n + \Delta_n) x^n$$

with real  $\Delta_n$ 's. For the proof of (\*) see [1]. Euler identities  $\sum_{n=0}^{\infty} x^n / (1-x)^2 = \sum_{n=0}^{\infty} n x^{n-1} / (1-x)$ , whence