

IDZKIEWICZ, Zbigniew

Technological and economic comparison of various methods of forming grinding wheels with ceramic binders. Problemy prof hut maszyn 11 no. 5: 135-138 My '63.

1. Prozamet, Warszawa.

IDZON, A. (Leningrad)

Siphon system for film washing. Sov.foto. 19 no.8:57  
Ag '59. (MIRA 13:1)  
(Photography--Equipment and supplies)

ACC NR: AM7003442

Monograph

UR /

Abramov, A. M.; Zelikov, I. L.; Idzon, M. F.; Konarev, A. B.; Mityashkin, D. Z.; Nikol'skiy, L. A.; Pronina, Ye. M.; Romanov, K. F.; Talanova, G. A.

Manufacture of gas-turbine engines Reference manual (Proizvodstvo gazoturbinnyykh dvigateley; spravochnoye posobiye) Ed. by M. F. Idzon, Moscow, Izd-vo "Mashinostroyeniye", 66. 0472 p. illus., biblio., index. 5,000 copies printed

TOPIC TAGS: gas turbine engine, metalworking machinery, hot machining, metal machining, metal stamping, metal welding, mechanical metal cutting, hot forming

PURPOSE AND COVERAGE: This reference manual contains technical specifications for the design of parts and units of gas-turbine engines. Information is given on their manufacture by hot forming casting, cold forging, welding mechanical and electric processing, and also on equipment, technical control, automation of production processes and production organization. This book is intended for technologists of machine building plants, engaged in the production of stationary and transport gas-turbine engines. It will also be useful to designers and students of senior courses of the respective departments of institutions of higher

Card 1/4

UDC: 621.438.002.2(083)

ACC NR: AM7003442

learning. Professor A. A. Kuindzhi made a series of valuable comments during the preparation of the manuscript. Candidate of Technical Sciences I. I. Pudkov and Engineers V. Ye. Popov, N. I. Sokolov, G. A. Sharonov, A. V. Magdich, D. K. Domnikov, D. I. Braslovskiy, Yu. S. Fedorov, Ye. P. Rogozhkin, I. Ya. Degtyarev, V. D. Andreyev, S. M. Skakal'skiy, were of great assistance in the preparation of the manuscript.

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Ch. 3. Casting of parts (Written by Candidate of Technical Sciences I. L. Zelikov) -- 92

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Ch. 4. Manufacture of parts by cold working (Written by Candidate of Technical Sciences A. M. Abramov) -- 151

Literature -- 205

Ch. 5. Manufacture of parts by welding (Written by Candidate of Technical Sciences Ye. M. Pronin) -- 206

Ch. 6. Machining of parts (Written by Engineer M. F. Idzon) -- 283

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Ch. 7. Machining of heat resistant steels and alloys (Written by Candidate of Technical Sciences K. F. Romanov) -- 390

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Ch. 8. Machining of parts by electrical methods (Written by Candidate of Technical Sciences D. Z. Mityashkin) -- 402

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Ch. 9. Organization of production (Written by Engineer G. A. Talanova) -- 441

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Subject Index (Written by M. D. Khayt) -- 466

SUB CODE: 10, 13/ SUBM DATE: 18Mar66/ ORIG REF: 065

Card 4/4

VOLODIN, Yevgeniy Ivanovich; SNETKOV, Anatoliy Mikhaylovich; IDZON, Mikhail Fridmanovich; SOLOVEYCHIK, Ya.S., inzh., retsenzent; KUDRYAVTSEV, P.A., inzh., red.; BAZHENOV, D.V., red. izd-va; SOKOLOVA, T.F., tekhn.red.

[Automation and mechanization of control systems in the machinery industry; manual] Avtomatizatsiia i mekhanizatsiia sredstv kontrolya v mashinostroyenii; spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. 215 p. (MIRA 15:3)  
(Machinery industry) (Automatic control)

## PHASE I BOOK EXPLOITATION

SOV/6506

Idzon, Mikhail Fridmanovich

Mekhanicheskaya obrabotka lopatok gazoturbinnykh dvigateley (Machining of Gas-Turbine Blades) Moscow, Oborongiz, 1963. 319 p.  
3600 copies printed.

Reviewer: A. F. Mozheyko, Engineer; Ed.: N. M. Ostrov, Engineer;  
Ed. of Publishing House: M. S. Anikina; Tech. Ed.: V. I. Oreshkina; Managing Ed.: A. S. Zaymovskaya, Engineer.

**PURPOSE:** This book is intended for engineering personnel of machine-building plants. It may also be useful to teachers and students at technical schools of higher education.

**COVERAGE:** The book summarizes the results of experience gained by plants and scientific research organizations in machining gas-turbine blades and presents data on the machinability of blade materials and descriptions of pertinent manufacturing processes and equipment. Particular attention is paid to the mechanization and automation of turbine blade production. The author thanks

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## Machining of Gas-Turbine Blades

SOV/6506

Professor A. A. Kuindzhi; Candidate of Technical Sciences N. A. Bogdanov; and Engineer N. M. Ostrov. There are 26 references: 20 Soviet, 5 English, and 1 German.

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Card 2/6



IDZON, P. E.

Using hydrometeorological data when studying underground waters.  
Bul. MOIP. Otd. geol. 26 no.3:99-100 '51. (MIRA 11:5)  
(Water, Underground)

1. IDZON, P. F.
2. USSR (600)
4. Geology and Geography
7. Water Regulation and Counter-Erosion Role of Forests Under Conditions of Forest Steppes, G. A. Kharitonov. (Moscow-Leningrad, State Forest Paper Press, 1950). Reviewed by P. F. Idzon, Sov. Kniga No. 9, 1951.

9. ~~Report~~ Report U-3081, 16 Jan. 1953, Unclassified.

SECRET

IDZON, P.F.

Hydrological observations in the basin of the Medvenka River.  
Soob. Inst. Issa no.10:37-49 '58. (MIRA 11:6)  
(Medvenka Valley--Forest influences) (Soil moisture)

IDZON, P.F.

Water balance and underground water resources in connection with vertical water exchange in the upper zone of the earth's crust.  
Izv.AN SSSR.Ser.geog. no.3:35-42 My-Je '62. (MIRA 15:5)

1. Institut geografii AN SSSR.  
(Dnieper Valley--Runoff) (Dnieper Valley--Water, Underground)

IDZON, P.F.

Physicogeographical factors of runoff and the effect of forest coverage on the annual flow of rivers. Vop. geog. no.60:77-106 '63. (MIRA 16:6)

(Forest influences) (Runoff)

IDZON, P.F.

Water supply fluctuation in river basins. Izv. AN SSSR Ser. geog.  
no.1:42-53 Ja-F '65. (MIRA 18:2)

1. Institut geografii AN SSSR.

IDZON, R.F.

Some recent data on the hydrological role of forests. Dokl.  
AN SSSR 137 no.4:911-914 Ap '61. (MIRA 14:3)

1. Institut lesa i drevesiny Sibirskogo otdeleniya AN SSSR.  
Predstavleno akademikom V. N. Sukachevym.  
(Forest influences)  
(Rivers)



PECHATNIKOVA, Ye.A. (Moskva, Sadovo-Spasskaya ul., d.21, kv.178); LEBAYEV,  
M. (Moskva).

Sinistral pleuritis as a symptom of cancer of the cardia. Grud. khir.  
6 no.2:101-102 Mr-Ap '64. (MIRA 18'4)

ZELENSKI, Andrzej, dr inz.; LEBECKA, Jolanta, mgr

Isotopic method of measuring the degree of wear of the lining of ball and ring pulverizing mills. Energetyka Pol 17 no. 7: Supplement: Energopomiar 9 no. 4:21-26 J1 '63.

1. Dzial Ciepłny, Zakład Badan i Pomiarow, Instytut Energetyki, Warszawa.

JELINEK, Milosh [Jelinek, Milos] (Prague); POPOVA, M. [translator]

New views on the theory of teaching, and their reflection  
on teaching mathematics. Mat i fiz Bulg 7 no.4:38-45 J1-  
Ag '64.

IENA, M.G. [IEna, M.H.]

Hungarian exhibition of instrument manufacture and medical apparatus.  
Farmatsev, zhur. 15 no.1:69-70 '60. (MIRA 14:5)  
(MEDICAL INSTRUMENTS AND APPARATUS—EXHIBITIONS)

IENA, M.G. [Iena, M.H.]

New drugs. Farmatsev. zhur. 16 no.3:81-88 '61. (MIRA 14:6)  
(DRUGS)

INASOHI, M.

A device for collecting gases from the air during winter. Rev.  
igiens microb. epidem., Bucur. No.2:80 Apr-June 54.

(INDUSTRIAL HYGIENE

air sampling, device for collecting gases from air)

(AIR POLLUTION

sampling appar. for collecting gases from air)

COSMA, Frederic; KISS, Ladislau, tehnician de normare; IENCIU, Traian;  
BARBALATA, St.; ENESCU, Constantin, tehnician; HOTUPAN, Florian,  
corespondent; BONCUT, Remus

Problems connected with the organization of production brigades.  
Constr Buc 16 no.746:3 25 April'64.

1. Trustul Regional de Constructii de Locuinte, Cluj (for Kiss).
2. Seful serviciului organizarea muncii, Trustul Regional de Constructii de Locuinte, Cluj (for Cosma).
3. Seful serviciului organizarea muncii de la grupul de santiere nr.2 Sibiu, Trustul Regional de Constructii de Locuinte, Brasov (for Ienciu).
4. Seful serviciului organizarea muncii de la grupul de santiere nr.1, Trustul Regional de Constructii de Locuinte, Galati (for Barbalata).
5. Seful serviciului organizarea muncii, Directia generala constructii-montaj, Bucuresti (for Boncut).
6. Trustul Regional de Constructii de Locuinte, Arges (for Enescu).

IONISTEA, A.

RUMANIA / General and Special Zoology. Insects. P  
Systematics and Faunistics.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44655

Author : Ionistea, A.  
Inst : "C. I. Parhon" University  
Title : Contribution to the Knowledge of the Dragon-Fly  
Fauna in the Sinaia Region.

Orig Pub : An. Univ. "C.I. Parhon", Ser. stiinta, natur.,  
1956, No 12, 151-153.

Abstract : A list of 17 dragon-fly species, including  
Somatochlora alpestris Selys, is reported  
for the first time in the fauna of the Ruma-  
nian People's Republic.

Card 1/1



11-71

**LENISTEA C.**

cd

Fatal poisoning by ingestion of ethylene dichloride. C. Lenista and M. D. Mezincenco. *Bull. acad. mid. Roumanie* 14: 014-17 (1943). — A case of poisoning is reported in which the patient died 41 hours after ingestion of ethylene dichloride, apparently of circulatory failure. Death occurred after a remission of two days during which time the patient was apparently normal. The chief symptoms were those of nausea, vomiting, and intoxication similar to that produced by alcohol. Wu. M. Govier.

COMMON ELEMENTS

COMMON VARIANTS INDEX

1ST AND 2ND BOXES

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH BOXES

5TH BOX

6TH BOX

7TH BOX

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10TH BOX

11TH BOX

12TH BOX

13TH BOX

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92ND BOX

93RD BOX

94TH BOX

95TH BOX

96TH BOX

97TH BOX

98TH BOX

99TH BOX

100TH BOX

IENISTEA, C.; ASCHER-SOLOMON, Eugenia

Antibacterial action of yoghurt. Rev. igiena microb. epidem.,  
Bucur. 1:10-20 Jan-Mar 55.

1. (Lucrare efectuata in Institutul de igiena R. P. R. din  
Bucuresti).

(MILK

yoghurt, eff. on E. coli & Salmonella typhosa &  
paratyphi.

(ESCHERICHIA COLI

antibact. eff. of yoghurt

(SALMONELLA TYPHOSA

(SAME)

(SALMONELLA PARATYPHI

(SAME)

WISNER, F.; IENISTEA, C., dr.; ASCHER SOLOMON, E., dr.; WEIDENFEL, R.,  
dr.

Proteolytic action of some acidolactic bacteria. Rev. igiena  
microb. epidem., Bucur. Vol.3:39-47 July-Sept 55.

1. Sectia de igiena alimentatiei a Institutului de igiena  
R. P. R. Bucuresti.

(STREPTOCOCCUS

lactis, proteolytic action in culture in milk, alone  
& with various strains of lactobacilli.

(PROTEINES, metabolism

proteolytic activity of Streptoc. lactis in culture in  
milk, alone & with various strains of lactobacilli.

(LACTOBACILLUS

proteolytic activity of various strains in culture in  
milk, with Streptoc. lacti.

ARDELEAN, I.; CALALE, Gh.; DIMISTEA, G.; MESROBIANU, L.; ORIGORIU, T.;  
STANICA, E.; DUMITRESCU, V.; NITRICA, N.; POTINO, M.

Anti-diphtheria vaccination in the Rumanian People's Republic;  
study of the immunising value of diphtheria anatoxin of Ramon as  
compared with precipitated anatoxin. Stud. cercet. inframicrobiol.,  
Bucur. 6 no.3-4:477-512 July-Dec. 1955.

(DIPHTHERIA, prev. & control

vacc., comparative value of Ramon's anatoxin & precipitated  
anatoxin)

(VACCINES AND VACCINATION

diphtheria vaccines, comparative value of Ramon's anatoxin  
& precipitated anatoxin)

IENISFEA C.

COUNTRY : ROMANIA H  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications. Food Industry  
ABS. JOUR. : RZKhim., No. 23 1959, No. 83967  
AUTHOR : Ienistca, C.; Ieremia, T.  
INST. :  
TITLE : Microbiological Studies of Fresh Water Fish in  
the Storage at 16-19°  
ORIG. PUB. : Igiene, 1959, 8, No 2, 145-150  
ABSTRACT. : Review of the microbiological analyses results

CARD: 1/1

H - 125

1ENISTEA, C. (dr.)

~~1ENISTEA, C. (dr.)~~  
~~1ENISTEA, C. (dr.)~~  
Country: Rumania  
Academic Degree: Dr  
Affiliations: [not given]  
Source: Bucharest, Jiama, No 3, Jul-Aug 61, pp 221-226  
Data: "The Role of Milk in the Transmission of Typhoid Fever. Observations Made During a Complex Epidemiological Study."  
Co-authors:  
1ENISTEA, C. Dr. [affiliation not given]  
1ENISTEA, C. Dr. [affiliation not given]  
1ENISTEA, C. Dr. [degree and affiliation not given]

000 00100

LENIȘTEA, CORNELIU

1. "Occupational Cancer of the Testes Caused by Zeolite" Prof. P. MARIU; pp 1-11.
2. "Pollution of the Atmosphere in the Vicinity of an Electrical Thermopower Station." N. ZAPRESCU, St. TRICAL-SILIVAN, Dr. V. NARVA, Dr. G. SAVIN, I. BENSICU, E. NIDITU and St. STANESCU; pp 11-17.
3. "Notes on the Supply of Drinking Water in Rural Areas by Means of Small Central Supply Units (Micro-central Units)." Dr. F. STOILER and Dr. E. M. MARIU; pp 39-45.
4. "Experimental Investigations on the Toxicity of Certain Chemical Substances Used in the Manufacture of Organic Glass (Plexiglas)." Dr. SILVIA GARDU, Dr. C. BOZORG, Dr. I. BENSICU, Dr. V. NARVA, Dr. G. SAVIN, Dr. F. STOILER, Dr. F. TRICAL-SILIVAN, Dr. I. BENSICU, Dr. E. NIDITU and St. STANESCU; pp 27-30.
5. "Investigations Concerning the Influence of Ionizing Radiations on the Nutritive Value of Proteins and Lipids in Canned Pork." Dr. A. STAN, Dr. S. MARIU, Dr. I. BENSICU, Dr. V. NARVA, Dr. G. SAVIN, Dr. F. STOILER, Dr. F. TRICAL-SILIVAN, Dr. I. BENSICU, Dr. E. NIDITU and St. STANESCU; pp 31-39.
6. "New Aspects Concerning the Use of Chloridation as a Sanitary Indicator for Food Products." Dr. CORNELIU LEIȘTEA; pp 41-43.
7. "The Use of Plant Tissues in Food." Prof. Dr. E. STAN, Dr. A. STAN, Dr. I. BENSICU, Dr. V. NARVA, Dr. G. SAVIN, Dr. F. STOILER, Dr. F. TRICAL-SILIVAN, Dr. I. BENSICU, Dr. E. NIDITU and St. STANESCU; pp 49-53.
8. "New Observations on Fish Contamination." Dr. N. ZAPRESCU and Dr. R. MARIU; pp 55-56.
9. "Radiation Pollution of Natural Water Resources." Dr. St. ZAPRESCU; pp 61-65.

(27) (10)

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RUMANIA

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051832

320

BALDOVIN-AGAPI, Coralia, Dr, LEIȘTEA, C., Dr, BELOIU, Irina, Dr, and PLECEAS, Paula, Dr. Work performed at the "Dr I. Cantacuzino" Institute (Institutul "Dr I. Cantacuzino" and the Institute of Hygiene of the Rumanian People's Republic (Institutul de Igiena RPR).

"Considerations on the Presence of Streptococci in Animal Foodstuffs."

"Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 5, Sep-Oct 63, pp 437-444.

Abstract [Authors' English summary modified]: 130 foodstuffs of animal origin were studied and 110 strains of streptococci were isolated from them, including 90 enterococcus strains and 20 strains of streptococcus viridans. It was noted that enterococci permit a better appraisal of contamination of faecal origin during the technological process and preservation of the foodstuffs; they were isolated from frozen foods even when all other sanitary indicators were absent.

Includes 2 tables and 21 references, of which 13 American, 4 German and 5 Rumanian.

BALDOVIN-AGAPI, Coralia, dr.; IENISTA, C.dr.; BELOIU, Irina, dr.; PLECEAS,  
Paula.

Considerations on the presence of streptococci in food pro-  
ducts of animal origin. Microbiologia (Bucur) 8 no.5:437-  
444 S-0'63

1. Lucrare efectuata in Institutul "Dr.I.Cantacuzino" si In-  
stitutul de Igiena R.P.R.

\*



IENISTEA, C., dr.

Presence of antibiotic substances in milk and their importance  
for the food industry. Ind alim anim 11 no.6:170-174 Je '63.

1. Institutul de igiena si protectia muncii, Bucuresti.

FENISTEA, C., dr.

Considerations on the microbiological methods of detecting  
in milk the presence of substances with inhibitive action  
on lactic bacteria. Ind alim 14 no.8:317-320,326 Ag'63.

News. 330.

LENISTEA, C. (MD)

ROMANIA

LENISTEA, C., MD.

Institute of Hygiene and Labor Protection of the Romanian People's  
Republic (Institutul de igiena si protectia muncii al R.P.R.)

Bucharest, Viata Medicala, No 1, 1 Jan 64, pp 51-55

"The Control of Foodstuffs for the Prevention of Food Poisoning  
due to Conditionally Pathogenic Bacteria."

IEVISTEA, C., dr.; ETTINGER, V., conf.; CHINTESCU, Gh., ing.

Experimental research on the viability of Mycobacterium tuberculosis var. bovis in butter. Microbiologia (Bucur) 9 no.5:  
441-44. 2-0'64

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

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

The viability of the bacteria *Shigella sonnei*, *Sh. flexneri* and *M. pyogenes var. aureus* in lactic acid derivatives used in feeding of small children. *Microbiologia (Bucur)* 9 no.5:445-452 9-0 '64

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

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.

L 45247-66 T JK

ACC NR: AP6033588

SOURCE CODE: RU/0023/65/010/004/0327/0334

AUTHOR: Ionescu, Gh.--Ionescu, G. (Doctor); Ienistea, C.--Iyenishtya, K. (Doctor); Ionescu, Cornelia--Ionescu, K. (Biologist)

ORG: Institute of Hygiene and Work Safety, Bucharest (Institutul de igiena si protectia muncii)

TITLE: Frequency of B. cereus in minced meat and sausages [This paper was presented at the U.S.S.M., Section of Infectious Pathology and Epidemiology Conference held in Bucharest on 22 February 1964.]

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 327-334

TOPIC TAGS: bacteria, processed animal product, microorganism contamination, food sanitation

ABSTRACT: The authors checked the presence of B. cereus in 77 samples of chopped meat; in various forms (hamburgers, etc.) and fresh and smoked sausages. B. cereus was present in 36.3 percent of the samples, with variable percentages for the different types, from 9 percent for smoked cold cuts to 86 percent for "fresh" coldcuts such as bologna, etc. No relation could be established between the frequency of B. Cereus and the bacteriological indices for fecal contamination of the food. Pathogenicity tests on mice were positive for 196 of the 203 strains isolated. As a result of their findings, the authors suggest that the absence of B. cereus be included among the sanitary requirements for thermally processed meat products. Orig. art. has: 1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 10Mar64 / ORIG REF: 005 / OTH REF: 019

Card 1/1

UDC: 613.28-099:576.851.51

UDC: 576.851.5:613.287.

RUMANIA

~~APPROVED FOR RELEASE Thursday, July 27, 2000~~ IONESCU, Gh., Dr., IENISTEA, C., Dr., IONESCU, Cornelia, Biologist, Medical Assistant, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), 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

IENISTEA, M.

IENISTEA, Mircea Alex

New water beetles in the fauna of Rumania. Rev biol 7 no.3:423-435 '62.

1. Universität Bukarest, Versuchstation Pantelimon.



LENISTEA, Mircea Alex.

"Monograph of Scarabaeidae and Aphodiidae in the paleoarctic and oriental regions" by [R.N.DR. and PH.DR.] Vladimir Ralthasar. Reviewed by Mircea Alex. lenistea. Studii cerc biol s. zool 16 no.4:367-368 '64.

LEONESCU, M.  
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: Dr.

Affiliation: [not given]

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, No 3,  
May-Jun 1961, pp 271-277.

Data: "The Value of Phagodiagnosis in Dysentery."

Co-author:

HO RODNICEANU, Thea, Dr. [affiliation not given]

GERSHENOVICH, A.I., kand.khim.nauk; ARSEN'YEV, D.M., inzh.; ~~LEONOVA, L.P., inzh.~~

Hydroxyethylation of alcohols obtained by the method of direct oxidation  
of liquid paraffins. Masl.-zhir.prom. 28 no.8:23-25 Ag '62.

(MIRA 17:2)

77 PUL-11111/11  
GAVRILA, I., Prof.; COMES, L., conf.; SERBAN, I., dr.; SOLOVIEV, M., dr.;  
GHIDALI, M., dr.; PIRVU, C., dr.; ~~IMPURMANU, A., dr.~~; CUCU, Al.,  
dr.; BUGIU, M., dr.; URCAN, S., dr.; ~~LUCA, M., dr.~~

Interpretation of blood sedimentation rates in infectious  
diseases. Med. int., Bucur. 8 no.4:525-532 Aug 56.

1. Lucrare efectuata in Clinica de boli contagioase dir. Cluj.  
(INFECTION, blood in  
sedimentation rate, determ. & relation to intensity of  
dis.)  
(BLOOD SEDIMENTATION, in various dis.  
infect. dis., determ. & relation to intensity of dis.)  
(COMMUNICABLE DISEASES, blood in  
sedimentation rate, determ. & relation to intensity of  
dis.)

GAVRILA, I., prof.; JOSAN, R., dr.; SERBAN, I., dr.; IEPUREANU, A., dr.;  
MARINA, M., dr.

Epidemic hepatitis and pulmonary tuberculosis. Med. intern; 14,  
no.1:33-40 Ja '62.

1. Lucrare efectuata in Clinica de boli contagioase Cluj (Director:  
prof. I. Gavrilă).

(HEPATITIS, INFECTIOUS complications)  
(TUBERCULOSIS, PULMONARY complications)

IEPUREANU, L.; BOROS, V.; LUKACS, E.

IEPUREANU, L.; BOROS, V.; LUKACS, E. Marginal notes on A. Bivol's article "Vibrated Cement Concrete," published in Revista Transporturilor, no. 3, 1956. p. 245.

Vol. 3, no. 6, June 1956  
REVISTA TRANSPORTURILOR  
TECHNOLOGY  
Bucuresti, Rumania

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



**"APPROVED FOR RELEASE: Thursday, July 27, 2000**

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**CIA-RDP86-00513R00051832(**



L 46567-66 EWP(t)/ETI/EWP(k) IJP(c) JD/HW  
ACC NR: AP6024622 SOURCE CODE: RU/0017/65/000/006/0303/0307

AUTHOR: Ursulescu, C. (Engineer); Ieremia, A. (Engineer)

//  
B

ORG: Siderurgical Combine, Resita (Combinatul siderurgic)

TITLE: Rolling of hexagonal steel sections

SOURCE: Metalurgia, no. 6, 1965, 303-307

TOPIC TAGS: metal rolling, metallurgy

ABSTRACT: A description of the calculations and practices used for rolling hexagonal steel sections. The method discussed by the authors involves multiple calibration with the use of four calibers and assures good surface quality for the rolled bars. Orig. art. has: 10 figures and 1 table. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 13 / SUEM DATE: none / ORIG REF: 003

Card 1/1 *amm*

UDC: 621.771.2:669.14-422.6

*09.15* *2256*

L 31729-66 EWP(k)/EWP(t)/ETI IJP(c) JD/HW

ACC NR: AP6021196

SOURCE CODE: RU/0017/65'000/008/0415/0418

AUTHOR: Ursulescu, C. (Engineer); Ieremia, A. (Engineer)

29  
B

ORG: Siderurgical Combine, Resita (Combinatul Siderurgic)

TITLE: Rolling at small tolerances, a modern technological process

SOURCE: Metalurgia, no. 8, 1965, 415-418

TOPIC TAGS: metal rolling, metallurgic industry

ABSTRACT: The authors discuss the effectiveness of restricting rolling tolerances as a means for reducing specific metal consumption and costs. They find such a lowering of tolerances to be both technically and economically advantageous, and give specific figures as to the savings obtainable by various concrete reductions. Orig. art. has: 4 figures, 3 tables and 1 formula. [JPRS]

SUB CODE: 13, 05 / SUBM DATE: none / OTH REF: 001

Card 1/1 *bb*

UDC: 621.771.2

Rumania /Chemical Technology. Chemical Products  
and Their Application  
Water treatment. Sewage water.

H-5

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1651

Author : Ieremia T., Manescu S., Androanche L.

Title : Rapid Method for the Detection of Coli-Forms  
in Water

Orig Pub: Iglena, 1956, 5, No 3, 74-85

Abstract: First an enriching test is made on conventional broth (incubation period of 20-24 hours at 37°). From the test tubes which show turbidity an inoculation is made on eosin agar, with addition of methylene blue, glucose and lactose (incubation 12-24 hours). Comparative studies of river water for Coli-forms content, carried out by the rapid method, have revealed the advantages of the last

Card 1/2

Rumania /Chemical Technology. Chemical Products  
and Their Application  
Water treatment. Sewage water.

H-5

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1651

mentioned procedure. The method permits to reduce duration of the analysis to 32-38 hours (in lieu of 72 hours specified by the standard), it is more economical, less laborious and is characterized by enhanced sensitivity.

Card 2/2

IEREMIA, T.; MAHESCU, S.A.; ANDRONACHE, L.

A rapid method for ascertaining the presence of coliform bacteria  
in sources of drinking water supply. Rumanian M. Rev. 1 no.1:37-38  
Jan-May 57.

(WATER SUPPLY, microbiol.  
E. coli, detection)  
(ESCHERICHIA COLI  
in water supply, detection)

IEREMIA, T.

COUNTRY : ROMANIA h  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications. Food Industry  
ABS. JOUR. : RZKham., No. 23 1959, No. 83967  
AUTHOR : Ienistea, C.; Ieremia, T.  
INST. : -  
TITLE : Microbiological Studies of Fresh Water Fish in  
the Storage at 16-19°  
ORIG. PUB. : Igiena, 1959, 8, No 2, 145-150  
ABSTRACT. : Review of the microbiological analyses results

CARD: 1/1

H - 125

IEREMIA, T.; MANESCU, S.

Suggestions for the improvement of State Standards 1342-50 and 3001-52 related to the quality norms and the methods for the bacteriological analysis of drinking water. p. 446

STANDARDIZAREA. (Oficiul di Stat pentry Standarde di Comitruful Electotehnic Romi) Bucuresti, Rumania. Vol. 11, no. 9, Sept. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2  
Feb. 1960

Uncl.

IEREMIA, T.

"Pyogenic staphylococcus and staphylococcal infections" by Stephen D. Elek. Reviewed by T.Ieremia. Microbiologia (Bucur) 6 no.1:85-86 Ja-F '61.

Jeremia, T. (Mr)  
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,  
No 4, Jul-Aug 1961, pp 369-371.

Data: "The Importance of the First Treatise on Bacteriology by Cornil-  
Babes in 1865."

Authors:

MESROBEANU, I., -Prof.-

-Dr.-

070 931643

12.

IEREMIA, T. -Reviewer-

MESROBEANU, Lydia and E. PAUNESCU -Authors-

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologie, Epidemiologia, Vol VI,  
No 5, Sep-Oct 1961, pp 467-468.

Data: "Bacterial Physiology," -a review of a book by the same name  
published in Bucharest by the RPR Academy (1960, 648 p.)



MESROBEANU, I.; MESROBEANU, Lydia; GEORGESCO, M.; DRAGHICI, Doinica;  
ALAMITA, Elena; IEREMIA, T.

Action of microbial toxins on tissue cultures. III. Cytotoxic  
action of thermolabile endotoxins (neurotoxins) of gram-negative  
bacteria. Arch. roum. path. exp. microbiol. 21 no.1:19-30 Mr '62.

1. Travail de la Chaire de Microbiologie I de l'Institut Medico-  
Pharmaceutique Bucarest et de l'Institut "Dr. I. Cantacuzino" --  
Service de Physiologie microbienne.  
(TISSUE CULTURE) (ENDOTOXINS) (SALMONELLA) (SHIGELLA)

IEREMIA, T.

"Serologic reactions in infectious and parasitic diseases."  
Reviewed by T. Ieremia. Microbiologia (Bucur) 6 no. 1:94-95  
Ja-F '62.

\*

ILIESCU, M., dr.; RADU, I., dr.; IEREMIA, T., dr.; STOIAN, Cecilia, biolog

Research on the diagnosis of toxigenic and non-toxigenic *C. diphtheriae* in pure cultures and associated with diphtheroid bacteria, staphylococci, pneumococci and streptococci. Microbiologia (Bucur) 9 no.5:431-440 S-O '64

1. Lucrare efectuata in Institutul de microbiologie, parazitologie si epidemiologie si Institutul de medicina si farmacie, Bucuresti.

RUSESCU, A., prof.; DOIU, N., dr.; IEREMIA-POBORAN, V., dr.

Some new clinical and genetic aspects of familial congenital epidermolysis bullosa in the newborn. *Pediatria (Bucur)* 14 no.1:13-18 Ja-F'65.

1. Lucrare efectuata in Spitalul clinic de pediatrie "Emilia Irsa", Bucuresti.

KORSHUNOV, I.S.; IERUSALIMSKIY, N.D.; SKRYABIN, G.K.

Determination of the concentration of dissolved oxygen and  
respiration intensity of the fungus *Tioghemella orchidis*  
under various cultivation conditions in a fermenter. Prikl.  
biokhim. i mikrobiol. 1 no.4:461-465 JI-Ag '65.

(MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

IESAN, Alex., ing.

To prevent supernorm stock formation. Constr Buc 15 no.688:  
16 Mr '63.

1. Seful sectorului economic din Directia generala a  
industrii materialelor de instalatii - M.I.C.

BIELIN, D.M.; YESEL'SKAYA, A.V. [IEsel's'ka, A.V.]; MEN', R.B.

Improvements in the silk industry. Leh. prom. no. 2:32-34  
Ap-Je'64 (MIRA 17:7)

IESIS, V.I. [Liesis, V.]; ZHUKAUSKAS, K.P. [Zukauskas, K.]

Modeling the nervous system. Part 1: Properties of a nervous system from neuroid elements. Trudy AN Lit. SSR. Ser. B. no. 4: 165-174 '65 (MIRA 19:2)

1. Institut fiziki i matematiki AN Litovskoy SSR. Submitted June 2, 1965.



OLEKHNOVICH, V.A., kand.tekhn.nauk; IEVCHENKO, M.T., inzh.

Deformation of concrete and reinforced concrete linings of some irrigation canals in the Ukraine. Gidr. i mel. 16 no.1:35-38 Ja '64.

(MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii.

OZOLIN'SH, G.V. [Ozolins, G.]; AVERKIYEVA, G.K.; GORYUNOVA, N.A.;  
IYEVIN'SH, A.P. [Ievins, A.]

X-ray diffraction study of gallium and indium antimonides.  
Kristallografiia 8 no.7:272 Mr-Ap '63. (MIRA 17:8)

1. Institut khimii AN Latvyskoy SSR i Fiziko-tekhnicheskii  
institut AN SSSR.

AUTHORS: Grechukhin, V.V. and Ifanov, S.A. 132-58-7-7/13

TITLE: Experience of Drilling without Core Samples in the Pechora Coal Basin (Opyt beskernovogo bureniya v Pechorskom ugol'nom bassejne)

PERIODICAL: Razvedka i okhrana nedr, 1958, <sup>24</sup>№ 7, pp 38-41 (USSR)

ABSTRACT: Exploratory drilling without core samples, but using geophysical methods, was realized at a Vorkuta deposit in the Pechora region. This section was chosen for a trial coreless drilling because its geological composition was already known from regular prospecting drilling, and results of sounding by geophysical means could be thoroughly checked by established geological profiles. Geophysical prospecting was achieved by the method of apparent resistance and partly by the method of gamma-gamma core-sampling. Diagrams of apparent resistance were registered with the aid of three sounds A3.5MO.1H, NO.1M3.5A and N3.5MO.1A. The electric profiles obtained were compared with lithologic profiles, and as a result, electric marks were isolated

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132-58-7-7/13

Experience of Drilling without Core Samples in the Pechora Coal Basin.

and concrete regularities of isolation of various lithologic layers on the geophysical diagrams were established. A table (fig.3) shows the resistance of various coal bearing and other layers. There are 5 diagrams.

ASSOCIATION: Pechorskaya geofizicheskaya ekspeditsiya (The Pechora Geophysical Expedition)

1. Geology--USSR 2. Geophysical prospecting

Card 2/2

YUSHKO, S.A.; IFANTOPULO, T.N.

Cinnabar in oxidized lead and zinc ores of southern Kazakhstan.  
Trudy Min. miz. no.11:211-214 '61. (MIRA 16:7)

(Kazakhstan—Cinnabar)

L 39727-66 EWP(t)/EWA(h)/EWT(a) JD/JG/GD-2

ACC NR: AP6007175 SOURCE CODE: UR/0188/66/000/001/0081/0084

AUTHORS: Vavilov, V. S.; Golovina, N. V.; Iferov, G. A.;  
Tulinov, A. F.; Chukichev, M. V. 21  
18  
B

ORG: NIIYaF MGU

TITLE: Use of semiconductor counters of the p-i-n type to study nuclear reactions

SOURCE: Moscow. Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 1, 1966, 81-84

TOPIC TAGS: junction diode, semiconductor device, crystal counter, silicon, alpha particle reaction

ABSTRACT: The authors describe a procedure for preparing p-i-n junction counters. The procedure is based on the drift of lithium ions in silicon. The counters obtained in this manner were used to investigate nuclear reactions induced by alpha particles accelerated to 26 Mev at the cyclotron of NIIYaF MGU. Zone-melted silicon with resistivity 450 -- 800 ohm-cm was used as the initial material. Lith-

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UDC: 539.1.074

L 39727-66

ACC NR: AP6007175

3  
ium was deposited on its surface by vacuum sputtering and allowed to diffuse at 450 -- 500C to a depth  $\sim 100 \mu$ . The ion drift was produced in silicone oil at 120C and an inverse voltage of 300 V. The resolving power of the counters was determined by measuring the spectrum of  $\alpha$  particles from a  $\text{Cm}^{242}$  source, and was found to range from 0.9 -- 1.5%. The counters were used to investigate elastic and inelastic scattering of 26.3 Mev  $\alpha$  particles by calcium nuclei. The tests have shown that the excitation functions plotted at fixed angles exhibited as a rule sharply pronounced nonmonotonicity, probably due to the appearance of some individual levels or groups of levels in the compound nucleus. The experimental data obtained were used to construct the angular distributions at different energies of the incident particles. These were found to agree with theory at small angles and exhibited a regular tendency for an increase in the differential cross section at large angles. No agreement was observed at medium angles. The results agree with the calculations based on the adiabatic model only at small angles. The authors thank I. B. Teplov, P. Matyya, and V. A. Kozlov for help during the work. Orig. art. has: 6 figures.

SUB CODE: 20/ SUBM DATE: 19Sep64/ OTH REF: 004

Card *HS* 2/2

*IFFY, LASZLO*

KISS, László, dr.; ERDELYI, Gyula, dr.; IFFY, László, dr.

Parturition in sporting women. Orv. hetil. 98 no.7-8:153-158  
24 Feb 57.

1. Az Országos Testnevelés- és Sportegészségügyi Intézet  
(Igazgató-őorvos: Kovari, Aladar, dr., tudományos vezető:  
Lichtneckert, István, dr.) Szülészet-nőgyógyászati Osztályának  
(osztályvezető őorvos: Salacs, Pál, dr., az orvostudományok  
kandidátusa) közleménye.

(PREGNANCY

in sporting women (Hun))

(ATHLETICS

pregn. in sporting women (Hun))



MEMOARY

IFFY, László, Dr: Hospital Group of England, Kent, Canterbury and the  
Isle of Thanet [original title not given] Department of Obstetrics and  
Gynecology

"The Reflux Theory. (Data on the Etiology of Extrauterine Pregnancy  
and Placenta Praevia)."

Budapest, Orvosi Hetilap, Vol 104, No 3, 20 Jan 63, pages 116-120.  
Hungarian

Abstract: [Author's summary modified] The author discusses his concept  
of the etiology and pathomechanism of placenta praevia and ectopic  
pregnancy. He considers hormonal dysfunction as the main factor which  
results in late ovulation and insufficient development of the secreting  
endometrium. This results in bleeding at the time of the following  
menstruation which carries the not-yet embedded ovum into the tube,  
abdomen or lower part of the womb. The placental sign is considered  
important etiologically not only in placenta praevia but in ectopic  
pregnancy as well. The statistical increase of ectopic pregnancies  
as explained by the fact that women of high fertility-who are not subject  
to the disorder-are using contraception while low fertility women are  
giving birth more, due to modern treatments. [35 Western 3 Soviet-bloc  
References]

1/1

IFFY, Laszlo, dr.

The "post-mid-cycle" theory. Data on the pathomechanism of early abortion. Magy. orv. lap. 27 no. 1-61 J '64.

1. A Canterbury es Isle Thanet Korhazcsoport Sülle es Nöbeteg Osztyarol (Senior főorvos: Miss Jean R.C. Burton - Brown) Kent, Anglia.

IFJ. INCZE, Ferenz, dr.; CSERNOHORSZKY, Vilmos, dr.

Relaxil-G, a Hungarian glycerin-guaiacol-ether. Magy. sebeszet 14  
no.3:183-186 Je '61.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebeszeti klinikájának  
(igazgató: Hedri Endre dr. Egyetemi tanár) közleménye.

(MUSCLE RELAXANTS ther)

IFRIM, A.

A problem of finding averages of microscopic quantities from the electron theory. p. 139.

ELECTROTHINICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministeru Enerfiei Electrice si Industriei Electrotehnice). Bucuresti, Rumania, Vol. 7, no. 3, Mar. 1959

Monthly list of East European Accessions (EEAI) IC Vol. 8, No. 9, <sup>Sept.</sup> 1959.

Uncl.

RADULET, R.; IFRIM, A.

Electromagnetic induction brakes with nonferromagnetic disk. Rev  
electrotechn energet 6 no.2:241-262 '61.

1. Korrespondierendes Mitglied der Rumanischen Volksrepublik. Redacteur  
en chef et membre du Comite de redaction, "Revue d'electrotechnique et  
d'energetique" (for Radulet).

RADULET, Remus; IFRIM, Alfons

Braking force of induction brakes with nonferromagnetic solid center  
disk. Studii cerc energet A 12 no.4:567-575 '62.

RADUET, Remus; IFRIM, Alfons

Braking force of induction brakes with nonferromagnetic solid center disk. Rev elektrotechn energet 8 no.1:67-76 '63.

1. Mitglied der Akademie der RVR (for Radulet).

KALISTRU, K. [Calistru, C.]; IFRIM, Liviya [Ifrim, Livia]

Influence of mass transfer in the reactions flowing through a mixture of solids in the presence of water vapor. Rev chimie 7 no. 1: 91-99 '62.

1. Yasskiy politekhnicheskiy institut, Khimicheskiy fakul'tet, Laboratoriya tekhnologii neorganicheskikh veshchestv.



ENESCU, I.; TRIANDAF, I.; IFRIM, D.; COSOVEANU, A.

Latent cardiac insufficiency in arterial hypertension and  
coronary disease. Stud. cercet. med. intern. 6 no.3:257-268  
'65.

IFRIM, M.; RAUTU, S.

Certain problems of proper vibrations in construction. p. 457.

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata.

STUDII SI CERSETARI DE MECANICA APLICATA. Bucuresti. Vol. 6, no. 3/4,

July/Dec. 1955

So. East European Accessions List

Vol. 5, No. 9

September, 1956

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IFRIM, H.

The calculation of vibration frequencies of frames in tiers.

p. 785 (Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. Studii Si Cercetari De Mecanica Aplicata. Vol. 7, no. 3, July/Sept. 1956. Bucuresti, Rumania)

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

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051832

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APPROVED FOR RELEASE: Thursday, July 27, 2000

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IFRIM, M.

Floor frames; an energy formulation for calculating the frequency of their natural oscillations.

p. 649 (COMUNICARILE) (Bucuresti, Rumania) Vol. 7, No. 7, July 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

IFRIM, M.

Dynamic calculus of elastic frames based on the principle of energy conservation.

p. 393 (Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. Studii Si Cercetari De Mecanica Aplicata. Vol. 9, no. 2, 1957. Bucuresti, Romania)

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

IFRIM, M.

Some precisions regarding the application of Geiger's formula in calculating the first frequency of natural vibrations of structures on frames. p. 1197.

Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDI SI CERCETARI DE MECANICA APLICATA. Bucuresti, Rumania. Vol. 8, no. 4, 1957.

Monthly list of East European Accessions (EEAI): LC, Vol. 8, no. 8, Aug. 1959

Uncl.



24264

R/008/61/000/002/002/008  
D235/D3043.9300AUTHOR: Ifrim, Mihail

TITLE: Modern conceptions regarding the determination of seismic forces

PERIODICAL: Studii și cercetări mecanică aplicată, no. 2, 1961, 255 - 275

TEXT: After briefly reviewing modern tendencies in evaluating the effects of earthquakes on structures, the author describes the determination of seismic forces on the basis of the response spectrum. Especially since the studies of M.A. Biot (Ref. 2: Bulletin of the Seismological Society of America, 31, 2, April, 1941), investigations on the effects of earthquakes on structures were conducted by using the spectral analysis of the recordings on powerful earthquakes. Brief reference is made to the utilization of the response spectra. Generally, the following relation may be written:

$$R_k(t) = R_{kI} \cdot R_{kII} \quad (I.7)$$

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R/008/61/000/002/002/008  
D235/D304

Modern conceptions regarding ...

in which  $R_k(t)$  represents the dynamic response of the structure,  $R_{kI}$  the influence of the statical-dynamical characteristics, specific to every type of structure, and  $R_{kII}$  the influence of the dynamical properties of the seismic wave and of the medium through which this wave is propagated, on the behavior of the structure. The influence of the earthquake may be determined by the integral equation

$$\int_0^t \ddot{U}_0(\tau) e^{-\nu_k(t-\tau)} \cdot \sin \omega_k(t-\tau) d\tau, \quad (I.8)$$

In Soviet studies there appears the designation "action spectrum"  $\chi$  which refers to the displacement spectrum  $S_v/\omega$ . S.V. Medvedev (Ref.

12: Byulleten' soveta po seysmologii, AN SSSR, 6, 1957) evaluated the above integral equation as a function of a scale of seismic intensity, the damping degree and the inherent period of the structure. The Soviet solutions have taken into consideration the maxi-

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R/008/61/000/002/002/008  
D235/D304

Modern conceptions regarding ...

mum earthquakes, recorded in certain regions, the results being extended to the zones of the same degree of seismic intensity. By using the relation

$$F_k(t) = M_k \ddot{Z}_k(t) = M_k \omega_k a_{ki} \int_0^t \dot{U}_0(\tau) e^{-\gamma_k \omega_k (t-\tau)} \cdot \sin \omega_k (t-\tau) d\tau; \quad (I.4)$$

i.e. the variation of the inertia forces calculating the seismic forces, it can be established that the spectrum is not altered since the coefficient  $a_{ki}$  takes into consideration that the system has several degrees of freedom. A similar calculation method is used in the USSR, as shown in (Ref. 23: Normy i pravila stroitel'stva v seysmicheskikh rayonakh (Standards and Specifications for Constructions in Seismic Regions), Moscow, 1957). For Rumania, the author recommends a similar method for determining seismic forces (Ref. 9: Revista construcțiilor și materialelor de construcții, ASIT, 3, 1960). The Soviet Union also worked out (1959) a dynamic calculation method with regard to the seismic loads. These stan-

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R/008/61/000/002/002/008  
D235/D304

Modern conceptions regarding ...

dards were based on the studies of Korchinskiy (Ref. 11: Seysmiche-skiye nagruzki na zdaniya i sooruzheniya, Moskva, 1959), which assimilate the function  $U_0(t)$ , appearing in the integral equation (I.8) by a series of convergent harmonic curves. The author recom-mends standard seismic curves for evaluating seismic loads for ci-vilian and industrial constructions located in Rumania. He takes into consideration the following principal factors which have an influence on the behavior of structures. A. dynamic characteristics B. dynamic properties of the seismic motion, and C. physical-mechanical properties of the soil.  $M$  was used to denote the relative magnitudes of earthquakes in the three zones of seismic intensity in Rumania, according to Fig. 19. These zones have the following characteristics:

Zone I (earthquakes with reduced magnitude)  $m_I = 1$ ;

Zone II (earthquakes with medium magnitude)  $m_{II} = 2$ ;

Zone III (earthquakes with high magnitude)  $m_{III} = 3$ .

This relative magnitude represents the ratio between the maximum

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R/008/61/000/002/002/008  
D235/D304

Modern conceptions regarding ...

seismic effects developed in two different regions. Details on the establishment of the standard response curve  $C(T_1)$ , inherent period ( $T_1$ ), influence of the soil's nature through which the seismic waves are propagated, interaction between the soil and structure, and the influence of the structure's damping are presented. Conclusions: An evaluation of the seismic forces can not be accomplished without taking into consideration the statical-dynamical characteristics of the structure, the dynamical characteristics of the waves and the physical-mechanical properties of the soil. The method of spectrum analysis is at present the only method which takes into consideration the largest part of elements characterizing the seismic effects. There are 20 figures and 25 references: 11 Soviet-bloc and 14 non-Soviet-bloc. The four most recent references to English-language publications read as follows: G.W. Housner, Behavior of Structures During Earthquakes, Proceedings ASCE, 85, Oct. 1959; Mihail Ifrim, Appreciation on the Fundamental Vibration Frequency of Tall Structures Subjected to Seismic Action, Revue de Mécanique Appliquée, IV, 1, 1959; Y.M. Edward, Tsui, Aseis-Card 5/7

21264

R/008/61/000/002/002/008  
D235/D304

Modern conceptions regarding ...

mic Design of Structures by Rigidity Criterion, Proceedings ASCE, February, 1959; and, Recommended Lateral Force Requirements, Seismology Committee Structural Engineers Association of California, San Francisco, July, 1959.

SUBMITTED: April 9, 1960

Card 6/7

S/169/62/000/010/028/071  
D228/D307

AUTHORS: Bălan, Stefan, Belc, Aurei and Ifrim, Mihail

TITLE: Tests on the seismic platform of some models of buildings

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 10, 1962, 30, abstract 10A194 (Studii și certări astron. și seismol., 6, no. 2, 1961, 315-324 (Rum.; summaries in Rus. and Fr.))

TEXT: The results of tests, carried out on a seismic platform over several models of stone buildings, are given together with information about the behavior of the stone buildings under the influence of earthquakes. Photographs show the set-up and the behavior of the models while being influenced by different forces.  
[ Abstracter's note: Complete translation ]

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S/169/62/000/009/016/120  
D228/D307

AUTHORS: Beleş, Aurel and Ifrim, Mihail  
TITLE: Contemporary problems of the seismic design of buildings  
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 22, abstract 9A137 (Studii și cercetări astron. și seismol., 6, no. 2, 1961, 325-408 (Rum.; summaries in Russ. and Fr.))

TEXT: The state of research on the question of earthquake effects upon buildings is considered. The latest studies in the field of engineering seismology in the USSR and the USA are analyzed. The regulations and actual calculated standards of most countries liable to earthquakes are indicated. A brief description is given of the state of engineering seismology in Rumania. [Abstracter's note: Complete translation.]

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S/169/62/000/010/029/071  
D228/D307

AUTHOR: Ifrim, Mihail  
TITLE: Designing earthquake-proof buildings on the basis of  
the criterion of dynamic rigidity  
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 10, 1962, 30,  
abstract 10A195 (Studii și certări astron. și seis-  
mol, 6, no. 2, 1961, 401-439 (Rum.; summaries in  
Rus. and Fr.))

TEXT: The following questions are considered. Ch. 1. The possibility of separately studying the dynamic characteristics of buildings (that govern their rigidity) and the dynamic properties of earthquakes. Ch. 2. Soviet and Californian design standards pertaining to the estimation of seismic forces. The seismic coefficients contained in different standards are analyzed. Ch. 3. An analytical expression allows the seismic forces to be determined for Rumania's territory, with allowance for: a) the statico-dynamic characteristics of buildings (the natural vibration period, the main

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Designing earthquake-proof buildings ... S/169/62/000/010/029/071  
D228/D307

vibration forms, the attenuation, and the magnitude and distribution  
of mass); b) the dynamic characteristics of seismic movement; and  
c) the physico-mechanical properties of the ground. 47 references.  
[Abstracter's note: Complete translation]

Card 2/2

BULLA, A., dr.; SARAGEA, M., dr.; MOLAN, M., dr.; IFRIM, M., dr.

Determination of the degree of atmospheric air pollution with pollen in Bucharest and the sensitizing value of some allergens prepared from the pollen. Med. intern. 15 no.9:1043-1055 S '63.

1. Lucrare efectuata la Catedra de fiziopatologie a I.M.F. si in Institutul de fiziologie al Ministerului Sanatatii si Prevederilor Sociale, Bucuresti.

(AIR POLLUTION) (ALLERGENS) (POLLEN)

IFRIM, N.; MARCU, I., ing.; LOGHIN, I., ing.; IANUS, P., ing.

Suggestions, concrete achievements, prospects. Constr Buc  
16 no.741:3 21 Mr'64.

COUNTRY : RUMANIA  
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Dyeing and Chemical Treatment of\*  
ABS. JOUR. : RZhKhim., No 17, 1959, No. 63138  
AUTHOR : Grindea, M.; Stoicescu-Crivetz, L.; Ifrim, S.  
INSTITUTE : Inst. politehn. Iasi  
TITLE : Investigation of the Wool Chrome-Treating Process  
ORIG. PUB. : Bulg. Inst. politehn. Iasi, 1958, 4, No 1-2, 247-252  
ABSTRACT : Experiments involving the treatment of wool with  $K_2Cr_2O_7$  solutions with the subsequent investigation of chrome treated samples (solubilities in bases and acids, concentration of available nitrogen, dynamometrical tests) established that the most promising results may be attained with the use of 1.5%  $K_2Cr_2O_7$ , basis the weight of wool.  
-- A. Matetskiy

\*Textile Materials.

Card:

1/1

H - 158

Anthocyanic substances in some varieties of vines, studied with the aid of absorption spectrophotometry. Comunicarile AR 11 no.10: 1257-1263 0 '61.

1. Comunicare prezentata de Gherasim Constantinescu, membru corespondent al Academiei R.P.R.