

WANEK, Walter; NYVLT, Jaroslav

Thermogravimetric examination of ammonium bicarbonate destruction;
Chem prum 13 no. 3:123-126 Mr '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVLT, Jaroslav

Second National Seminar on Crystallization. Chem prum 13
no.6:312 Je '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVIT, Jaroslav

Granulometric composition of crystalline products. Pt.5.
Chem prum 13 no.8:405-408 Ag'63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

JAGER, Lubomir; COTTFRIED, Jaroslav; NYVLT, Jaroslav.

Examination of the kinetics of crystalline urea drying. Chem
prum 13 no.8:412-413 Ag'63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVLT, Jaroslav

Classification crystallizer. Pt. 7. Chem prum 13 no.10:521-524
0 '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVLT, Jaroslav; SURA, Jindrich

Concurrent crystallizers. Pt. 8 . Chem prum 13 no. 12:
626-629 D '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVLT, J.

On crystallization. Pt.4. Coll Cz Chem 28 no.9:2269-2279
S '63.

1. Forschungsinstitut fur anorganische Chemie, Usti nad
Labem.

JAGER, Lubomir; GOTTFRIED, Jaroslav; HYVL, Jaroslav; SURA, Jindrich

Kinetics of forming biuret from urea. Chem. paper 15: 111-115, 1967. Jan 1968.

1. Research Institute of Inorganic Chemistry, Valtice, Czechoslovakia.

NYVLT, Jaroslav; VACLAVU, Vladimir

Cooling rate in a discontinuous crystallizer. Pt.9. Chem
prum 14 no.2:79-81 F'64

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

NYVLT, Jaroslav; MICEK, Frantisek

Prevention of incrustation formation. Chem prum 14 no. 3:
151-152 Mr '64.

1. Research Institute of Inorganic Chemistry, Usti nad
Labem.

NYVLT, J.; SKRIVANEK, J.

On crystallization. Pt. 6. Coll Cz Chem 29 no. 1:10-23 Ja '64

1. Forschungsinstitut für anorganische Chemie, Usti nad Labem.

NYVLT, J.; GOTTFRIED, J.; KRICKOVA, J.

On crystallization. Pt.10. Coll Cz Chem 29 no.1:161-167 Ja'64

1. Forschungsinstitut fur anorganische Chemie, Usti nad Labem.

NYVLT, Jaroslav; GOTTFRIED, Jaroslav; KRICKOVA, Jaroslava

Control of the sintering tendency of crystalline urea. Pt. 12.
Chem prum 14 no.5:242-244 My '64.

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

NYVLT, Jaroslav; GOTTFRIED, Jaroslav

Adaptation of the correlation method for calculation of solubility
in ternary systems. Chem prum 14 no.7:376-378 Ji '64.

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

NYVLT, Jaroslav; HORACEK, Stanislav

Double crystallizer. Chem prum 14 no.8:435-436 Ag '64.

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

NYVLT, Jaroslav

Medium size crystals in the crystallizer with mixing. Chem prum
14 no.11:574-576 N '64

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

NYVLT, J.; GOTTFRIED, J.; KRICKOVA, J.

Crystallization. Pt. 11. Coll Cz Chem 29 no.10:2283-2289 0' 64.

1. Forschungsinstitut für anorganische Chemie, Usti nad Labem.

L 59341-65 EPF(c)/EWA(d)/EWP(j)/T/EWA(c) Pc-4/Pr-4 RM

ACCESSION NR: AP5015135

CZ/0009/65/000/006/0366/0368
547.495.2/.4

32
31
B

AUTHOR: Jager, L. (Yegr, L.); Nyvlt, J. (Nyvlt, Ya.); Kocova, H. (Kochova, G.);
Horacek, S. (Goralek, S); Micek, F. (Michek, F.)

TITLE: Some of the physicochemical properties of urea solutions

SOURCE: Chemicky prumysl, no. 6, 1965, 366-368

TOPIC TAGS: urea, urea surface tension, urea specific heat, specific heat determination, surface tension determination

ABSTRACT: Since no data were found in the literature on the surface tension of urea solutions or on their specific heat above 20C and at low concentrations, these were measured through the range from 20 to 100C and from 0 to the saturation point at 70% by weight. The results are tabulated and displayed in graphs. The specific heat was measured in an electric calorimeter or Dewar flask immersed in a warm water bath, heated by a storage battery, stirred by glass paddles, and regulated by a Beckmann thermometer and thermistor with recorder. A table compares the experimental with computed values. The surface tension was measured in a bubbling vessel containing urea solutions at set temperatures and concentra-

Card 1/2

L 59341-65

ACCESSION NR: AP5015135

tions, into which two capillary tubes were immersed to equal depth - one pointed to 0.5 mm diameter, the other with 5 mm internal diam. The table of results shows increasing surface tension with concentration from 10 to 50 % and then a decline through 60 % to 70 %. The surface tension also drops by 11.6 to 8.7 % as the temperature rises from 20 to 100C. Orig. art. has: 3 tables, 3 figures and 6 formulas.

ASSOCIATION: Vyzkumny ustav anorganicke chemie, Usti nad Labem (Inorganic Chemistry Research Institute)

SUBMITTED: 08Jun64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 000

OTHER: 002

Card 2/2 *200*

(3)

CZECHOSLOVAKIA

NYVLT, J; SKRIVANEK, J; GOTTFRIED, J; KRICKOVA, J

Research Institute for Inorganic Chemistry
(Forschungsinstitut für anorganische Chemie),
Ústí nad Labem (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 5, May 1966, pp 2127-2136

"Crystallization. Part 19: Influence of agitation
on the latitude of metastable zones."

CZECHOSLOVAKIA

SERIVANEK, J; MOUDNY, F; RYVLT, J

Research Institute of Inorganic Chemistry,
Usti nad Labem - (for all)

Prague, Collection of Czechoslovak Chemical
Communications, No 2, February 1967, pp 480-488

"On crystallization. Part 20: Distribution of the
sizes of particles in a real crystallizer."

JENIK, J.; NYVLT, M.

Determination of sulphur in coal by means of magnesium mineralization. Paliva 42 no.2:57-59 F '62.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Applications. Chemical Processing of
Solid Fossil Fuels.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13094.

Author : ~~Nyvt, V.~~

Inst : Not given.

Title : Use of Substitutes for Coal Tar Pitch During the
Briquetting of Coal.

Orig Pub: Paliva, 1957, 37, No 11, 375-380.

Abstract: Laboratory experiments are cited and possibilities
are examined of the use of substitutes for coal
tar pitch as an adhesive during briquetting of
coal; for the experiments, asphalt, wastes of
oil-refining and hydrogenation, various resins
(wood-coal, generator and others) and residual
fractions from them and other wastes of national

Card 1/2

NYVLT, Z.

"Electronic flash in theory and practice." p. 335

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 11, Nov., 1955

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

NYZHNOVA, T. I.

"Effect of Microelements on the Increase in Yield and Disease Resistance of Tomatoes on Sheltered Grounds." Cand Agr Sci, Leningrad Agricultural Inst, Min Higher Education USSR, Leningrad, 1955. (KL, No 14, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

TSERIK, D.F.; NYZHENYK, P.A.

The ~~IKKh~~-3 and ~~IKKh~~-2 corn harvesting machinery. Mul.tekh.-ekon.
inform. no.4:53-56 '60. (MIRA 13:11)

Corn (Maize)--Harvesting)

SOLOVYKIN, Aleksandr Pimenovich; NYZHENYK, F.A.; TSEDRIK, D.F.;
CHICHAYEVA, L.I., red.; PROKOF'YEVA, L.N., tekhn. red.

["Khersonets" corn harvesting combine] Kukuruzoborochnyi kombin "Khersonets". Moskva, Sel'khozizdat, 1962. 142 p.
(MIRA 15:7)

(Corn (Maize))--Harvesting
(Combines (Agricultural machinery))

OACHES, I.

"Technical Progress in the Construction of Agricultural Machines." p. 25. Bucuresti, Vol. 2, no. 12, Dec. 1951. "Protective Covering and Top Dressing in Industrial Furnaces." p. 26, Bucuresti, Vol.2, no. 12, Dec. 1951.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

GROZA, P.; CIPLEA, Al.; OANA, Al.; CORNEANU, Maria; BUSNEAG, C.

Research on the sodium and potassium economy in the gastric juice
of patients with duodenal ulcer. Stud. cercet. de fiziol. 10 no.2:
133-140 '65.

COUNTRY . Russia

Chlorine gas is a colorless, odorless, and tasteless gas that is highly toxic and corrosive. It is a strong oxidizing agent and can react with many organic and inorganic compounds. Chlorine gas is used in a variety of industrial processes, including the production of plastics, solvents, and disinfectants. It is also used in the treatment of drinking water and wastewater. Chlorine gas is a major component of many household cleaning products, such as bleach and disinfectants. It is important to handle chlorine gas with care and to use appropriate safety measures to avoid exposure and injury.

BIOGRAPHICAL DATA: 7

AB5. JOL: *Pol. Zhur-Etologiya*, No. 4, 1959, No. 1.

AUTHOR : Febres, D.; Carras, C.; Potres, E.

INSF. :

TITLE :

Cont. LIB: 8.11 al reconstituit stila. cont. 206 VII.

JAS 1950, 7, No. 1, 231-241

ABSTRACT :

Page: 3, 2

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar 59

1491. COXSACKIE VIRUSES IN MOLDAVIA. II. STUDY OF A RURAL EPIDEM-
IC FOCUS - Cercetări asupra virusului Cocksackie în Moldova. II. Studiul
unui focar epidemic rural - Duca M., Duca E., Tomescu E.,
Oană C., Vișă A., Iordăchescu D. and Ungureanu D. Cat.
de Microbiol. și Infamicrobiol., Inst. de Med., Iași - STUD. CERCET.
STINT. MED. 1957, 8/1 (125-147) Tables 8 Illus. 1

A Cocksackie virus epidemic in a Moldavian village ('L') in the summer of 1956
comprised 9 manifest cases: 3 'paralytic' (reversible), 3 myalgic, 2 severe grip-
pal and 2 mild grippal. Cocksackie virus was isolated 74 times from stools of 65
inhabitants; of 211 persons examined, 30.8% were carriers of the virus, but the
proportion of virus excretors among members of households in which a case had
occurred was 63.7%. Virus was also isolated twice from flies from 2 houses. All
virus strains isolated belonged to Dalldorf group A, and were myotropic and prob-
ably of one single antigenic type. Children and adolescents (1-14 yr.) were the
most affected (36%), with a maximum between 1 and 6 yr.; the proportion of adult
cases was 22%. There was no difference between the sexes. Successive cases
(manifest or inapparent) in a family occurred at intervals of 30-40 days. Infection
occurred in 40.8% of houses. The duration of virus excretion was 54 days in 2
cases. In manifest cases the virus disappeared shortly after the onset of illness,
and at the same time neutralizing antibodies appeared in the serum where they
persisted for at least 5 months, increasing during the first few months. To es-
tablish an aetiological diagnosis it is necessary to demonstrate the appearance or
a large rise in titre of antibody to the strain isolated from the patient or the com-
munity.

Pecurariu - Orasul Stalin (L, 4, 6, 8, 17)

ZAVATE, O.; CONSTANTINESCU, N.; BIRZU, N.; OANA, C.; PANAITESCU, Gh.;
MIHAIL, Al.

Inframicrobial infectious hepatitis (I.I.H.) in the family
environment. Stud. cercet. inframicrobiol. 12:285-294 Supplement
'61.

(HEPATITIS, INFECTION statistics)

DUCA, M.; TEODOROVICI, Gr.; OANA, G.; DUCA, Eugenia; VITA, Alla; BIRSAN, Șt.;
ROSCA, Lucia; VANCEA, Georgeta; DIMITRIU, G.; MIHAILESCU, G.

Epidemic of adenovirus infection with ocular manifestations. Stud.
cercet. inframicrobiol. 13 no.3:359-366 '62.
(ADENOVIRUS INFECTIONS) (EYE MANIFESTATIONS)
(KERATOCONJUNCTIVITIS)

IANA, C

ROMANIA

MICU, I.; IANA, C.; MANTA, I.; IOAN, Elena; CUCIUREANU, Georgeta;
MIHUL, Valentina; VINTU, C.; GRADINARU, Liliana; GRADINARU, I.;
IOSEFSOHN, Judith; MINASCURTA, S.; MOSANU, P.; COTAE, Gh.

Clinic of Contagious Diseases Iasi, Iasi Regional Sanepid.
(Clinica de boli contagioase Iasi, Sanepidul regional Iasi.)
- (for all)

Bucharest, Viata Medicala, No 7, 1 Apr 63, pp 457-460.

"Epidemic of Ornithosis in a Rural Locality."

(13)

ROMANIA

VITA, Alla, Dr, OANA, C., Dr, BORZAS, Ecaterina, Dr, BELDI-MAN, V., Dr, GRIGORIU, Z., Dr, HURMUZACHE, T., Dr, GHEORGHIU, Melania, Dr, and WAINFELD, M., Dr. Work performed at the Clinic for Contagious Diseases (Clinica de Boli Contagioase) of the Institute of Medicine (Institutul de Medicina), Iasi.

"Considerations on Two Epidemic Foci of Diphtheria."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 1, Jan-Feb 1963, pp 11-14.

Abstract: A study based on the observation of two rural diphtheria foci. Both of them occurred in the fall (October-November) and the source of the disease was the school; morbidity was smaller in the pre-vaccination period due to latent immunity. Both episodes caused familial foci with 2 to 5 infections; secondary infections did not touch children below 3 years of age, reflecting the proper vaccination of this age group. Earlier diagnosis and isolation of the first cases would have prevented the epidemics. Includes 11 references.

1/1

0ANA, C
RUMANIA

M. DUCA, Gr. TEODOROVICI, Eugenia DUCA, Georgeta VANCEA, A. IVAN, Lidia HANDRACHE and C. OANA, [see affiliation above.] /

"Distribution of Influenza Antibodies by Age in Population of Moldavia in 1962."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2, 1963; pp 147-153.

Abstract [English summary modified]: Antibody analysis of sera of 388 persons of various ages to determine when the various influenza strains ceased to circulate in area: B(Lee)40 23 years ago; A(PR)34, 19; A(FM)47, 8; A₂(Iasi)59 and B(England)57 are still in circulation now. The 2 B strains are far apart antigenically. Table, 4 graphs; 8 Western, 3 Rumanian (1 in press) references.

RUMANIA

M. DUCA, Gr. TEODOROVICI, C. OANA, P. FOISOR, G. VANCEA, A. IVAN, L. HANDRACIE and S. CHIRICA, College of Medicine and Pharmacy (Institutul de medicina si farmacie) and Regional Public Health Office (Sanepidul regional), Iassi.

"Epidemic of Influenza B in a Children's Community."

Bucharest, Studii si cercetari de inframicrobiologie, Vol 14, No 3, 1963; pp 305-313.

Abstract [English summary modified]: In May-June 1962, an epidemic of influenza B involved 17 of 40 children and 4 of 25 staff in a children's home in Iassi. Diagnosed serologically in that period while influenza A which had peaked in the area during Feb-Mar, had decreased markedly. Two of the children contracted both at 2.5 months' distance. Biphasic temperature curve. Three graphs, 3 tables, 4 Rumanian references.

20

1/1

TEODOROVICI, Gr.; OANA, C.; GHEORGHIU, Melania; PETROAIE, Olga;
IVAN, A.

Incidence of carriers of antibiotic-resistant staphylococci
in various population groups in Moldavia. Arch. Roum. path.
exp. microbiol. 22 no.1:211-218 Mr. '63.

1. Travail de l'Institut Medico-Pharmaceutique de Jassy-Chaire
de Microbiologie.

(STAPH INFECTIONS)
(DRUG RESISTANCE, MICROBIAL)
(ANTIBIOTICS)

DUCA, M.; TEODOROVICI, Gr.; DUCA, Eugenia; VANCEA, Georgeta; IVAN, R.;
HANDRACHE, Ludmila; OANA, C.; ALEXANDRESCO, M.

Immuno-epidemiological study on the natural variation of type
A and B influenza viruses during the past 30 years in Rumania.
Arch. roum. path. exp. microbiol. 22 no.4:979-986 S-D'63.

1. Travail de l'Institut Medico-Pharmaceutique de Jassy; Labora-
toire de virologie.

SPINU, I.; PENCEA, I.; HOISIE, Silvia; VASILESCO, Th.; OANA, C.; BUZDUGAN, I.;
SASU, D.

Research on the epidemigenic potential of old tularemia foci.
Arch. roum. path. exp. microbiol. 23 no.3:631-636 S'63

1. Travail de la Direction d'Hygiene et de Protection du Travail
du Ministere de la Sante et des Prevoyances Sociales et de l'Insti-
tut "Dr. I. Cantacuzino", Bucarest.

TEODOROVICH, Gr. [Teodorovici, Gr.]; OANE, K. [Oana, C.]; GEORGIU, M.
[Gheorghiu, M.]; PETROAYE, O. [Petroaie, O.]; IVAN, A.

Carriers of antibiotic-resistant staphylococci in various
categories of the population. Zhur. mikrobiol. epid. i
immun. 40 no.5:133-137 My '63. (MIRA 17:6)

1. Iz Mediko-farmatsevticheskogo instituta, g. Yassy.

TEODOROVICI, Gr., conf.; IVAN, A., dr.; OANA, C., dr. ZVORISTEANU,
Virginia, dr.; HANDRACHE, Ludmila, dr.; VARGHA, Georgeta, dr.;
MANTA, I., dr.; CAMNER, M., dr.; URINA, Mireille, dr.; BOU TIN,
Marie-Jeanne, dr.

Evolution of influenza among a group of school-age children in
the year 1962-1963. Microbiologia (Bucur) 9 no.6:523-529
N-D '64

1. Lucrare efectuata la Institutul medic-farmaceutic, Iasi.

DUCA, M.; DUCA, Eugenia; BIBERI-MORIANU, Sanda; VANCEA, Georgeta;
HANDRACHE, Ludmila; TEOLOROVICI, Gr.; POPA, S.; BUZDUGAN, I.;
MARDARI, A.; OANA, C.; DUMITRESCU, D.; IVAN, A.; BUSILA, I.

Immuno-epidemiological research on encephalitis transmitted
by sheep ticks. Stud. cercet. inframicrobiol. 15 no.3:
231-239 '64.

DUKA, M. [Duca, M.]; TEODOROVICH, G. [Teodorovici, Gr.]; DUKA, Ye. [Duca, E.];
VANCHA, Zh. [Vancea, J.]; IVAN, A.; KHANDRAK, L. [Handrache, L.];
OANA, Ch.; ALEKSANDRESCU, M. [Alexandrescu, M.]

Immunoepidemiological study of the natural variability of A and B
viruses in Rumania for the past 30 years. Vop. virus. 10 no.1:56-60
(MIRA 19:5.
En-F 1965.

1. laboratoriya virusologii Meditsinskogo instituta, Yassy.

L 13060-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6005726

SOURCE CODE: RU/0023/65/010/001/0027/0032

AUTHOR: Bercovici, C.--Berkovich, K. (Doctor); Besleaga, Virginia--Beshlyaga, V. (Dr.)
Iosub, C.--Iosub, K. (Doctor); Oana, C.--Oana, K. (Doctor); Popa, S. (Doctor)

ORG: Institute of Hygiene and Labor Safety, Iasi, Bacau (Institutul de Igiena si
 Protectia muncii, Iasi, ISIPH)

TITLE: Contributions to the study of the incidence of dysenteric etiology in acute
 digestive disorders

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 27-32

TOPIC TAGS: digestive system disease, bacteria, gastroenterology, bacteria disease

ABSTRACT: In 117 subjects
 with acute digestive disorders, the authors established dysen-
 teric etiology in 44 percent of the cases by isolation of the
 dysenteric bacillus from the faeces. Because of the many simi-
 larities between dysentery and various digestive disorders with
 polymorphous diarrhoeic syndromes, the authors suggest that
 such disorders should be comprised in the category of dysentery
 so that true dysenteric cases will not be missed when taking
 prophylactic measures. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUM DATE: 11Jun63 / ORIG REF: 010 / OTH REF: 003
 SOV REF: 002

Cord 1/1 *BR* UDC: 616.935-02:616.34-008.314.4

ROMANIA/Chemical Technology. Chemical Products and Their Applications. Ceramics. Glass. Binding Materials. Concrete.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28391.

Author : Bucur, D. and Gana, M.

Inst :

Title : Utilization of Calcium Carbonate Wastes as Fillers for Asphalt Road Paving Mixtures.

Orig Pub: Rev Transp, 5, No 5, 207-209 (1958) (in Rumanian with German, English, French, and Russian summaries)

Abstract: The results from laboratory experiments on the utilization of CaCO_3 wastes from caustic soda production from Na_2CO_3 and Ca(OH)_2 as filler for asphalt road paving mixtures are reported. Tests on the mechanical and physical properties of the mixtures obtained

Card : 1/2

204

VARLAN, Radu N., ing.; IONESCU, Alexandru, ing.; OANA, Maria, chim.;
FOTESCU, Ion, ing.

Economical methods for the perfect maintenance of paved roads.
Rev transport 11 no.9:396-407 S '64.

~~C. M. S.~~ ✓
~~SURNAME (in caps); Given Name~~ /

Country: Rumania

Individual Degrees: Veterinarian ✓

Affiliation: Chief Veterinarian of Iurceni Raion (Medic Veterinar
Def al Raionului Iurceni).

Source: Bucharest, Probleme Medicale de Veterinarie, No 6, Jan 1961,
pp 66-71.

Data: "On Some Helminthoses and Mycoses of ruminants in the
Iurceni-Birlad Zone."

~~DANCUA, Kandida Geografii~~ [Oancea, C.]; TEODORESKU, Ion [Teodorescu, I.];
KRISTYA, Paul [Cristea, P.]

Study of thin tellurium films. Kristallografiia 7 no.4:560-562
Jl-Ag '62. (MIRA 15:11)

1. Politekhnikheskiy institut, Bukharest, Rumyniya.
(Electron diffraction examination) (Tellurium)

NICULESCU, Teodor, conf.; MIHAI, C., dr.; PETRIC, Maria, dr.; POPESCU, Emanoil, dr.; OANCEA, C., dr.

Stenosing regional enteritis, with primary jejunal localization, evolving into a malabsorption syndrome. Med. intern. 14 no.4:499-504 Ap '62.

1. Lucrare efectuata la Clinica medicala a Spitalului "Carol Davilla",
Serviciul de radiologie.
(ILEITIS, REGIONAL) (JEJUNUM) (SPRUE) (INTESTINAL OBSTRUCTION)

MIHAI, C., dr.; HULUBEI, P., chim.; OANCEA, C., dr.

Clinical value of urinary pentodyopent and porphobilinogen in patients
with hepatic and renal diseases. Med. intern. 15 no.3:355-362 Mr '63.

1. Lucrare efectuata in Spitalul "C. Davila", Bucuresti.
(LIVER DISEASES) (KIDNEY DISEASES) (~~HEMOGLOBIN~~)
(BLOOD CHEMICAL ANALYSIS) (PYRROLES) (URINE)
(PORPHYRINS)

RUMANIA/Soil Science - Soil Genesis and Geography.

J

Abs Jour : Ref Zhur Biol., No 19, 1958, 86722

Author : Oancea, C., Deleanu, A. and Birsan, A.

Inst : ~~Soil Science Institute of the Academy of Sciences of the Rumanian Peoples Republic~~

Title : Soil Investigations in the Valan-Novaci-Cimpul Mare and Targul-Jiu Regions (Subcarpathian Olten Depression Rumanian Peoples Republic)

Orig Pub : Dari seama sedint. Com. geol. RPR, 1954, Vol 41, Bucuresti, 1957, 115-121

Abstract : No abstract.

Card 1/1

POPOVAT, Mircea; CANCEA, Constantin; PARICHI, Mihai

Soils formed on the aeolian deposits in the area of Catate-
Dunare-Desnati (southern Oltenia). Dari seama sed 47:441-456
'59/60 [publ. '62].

OANCEA, D.

Additions to the Monographic study of the town of Roman, p. 129.

PROBLEM DE GEOGRAFIE. (Academia Republicii Populare Romine. Institut de Cercetare Geografice)
Bucuresti, Rumania. Vol. 6, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, August, 1959.

Uncl.

1. The first part of the document is a list of names and addresses of persons who have been identified as being involved in the activities of the [redacted] organization. The names are listed in alphabetical order and are followed by their addresses. The addresses are given in full, including the street, city, state, and zip code. The list is as follows:

2. The second part of the document is a list of names and addresses of persons who have been identified as being involved in the activities of the [redacted] organization. The names are listed in alphabetical order and are followed by their addresses. The addresses are given in full, including the street, city, state, and zip code. The list is as follows:

OANCEA, D. I.

Culture of vegetables and flowers on the screened land of the depression of Birsa Mountain. Probleme geog 8:537-545 '61.

OANCEA, Marcel

For the life of a comrade. Constr Buc 16 no.731:1 11 Ja '64.

1. Seful autocoloanei de la santierul Turda al Trustului
nr. 5.

STEFANESCU, I., prof. MARCHIS, A., conf.; MARCHIS, Olimpia, lector;
FILIP, R., lector; OANCEA, Maria, ing.

Influence of cotton yarn warp tension during the sizing
process on some physical and mechanical characteristics of
the tissue. Ind text Rum 15 no. 5:240-243 My '64.

1. Polytechnic Institute, Iasi (for Stefanescu, Marchis A.,
Marchis O., Filip). 2. "Select" Weaving Mill of Silk and
Neckties, Bucharest (for Oancea).

PAUNESCU, G., conf.; SEROPIAN, E., dr.; COMOROSAN, S., dr.; CANCEA, R., dr.;
SORIN, E., dr.; SAFIRESCU, Gh., dr.; PANAITESCU, Gh., dr.; SOINU, I., dr.;
GRECEANU, I., dr.; CIRJE, M., chim.

Clinical and biochemical aspects of atherosclerosis in young persons.
Med. intern. 14 no.8:937-944 Ag '62.

(ARTERIOSCLEROSIS) (HYPERCHOLESTEREMIA)
(LIPOPROTEINS)

OANCEA, R., ing.

Determination of the ascensional speeds in well drilling. Petrol
si gaze 14 no.2:68-73 F '63.

1. Institutul de Cercetari pentru Foraj si Extractie, Cimpina.

RUMANIA

MARES, E., Maj-Gen, Dr, and GANCEA, Tr., Col, Dr [affiliation not given]

"The Treatment of Thoracic and Abdominal Traumatisms in the Case of an Agglomeration of the Wounded."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 383-396.

Abstract: Discusses the physio-pathological complications that might occur in the mass treatment of abdominal and thoracic injuries in war, emphasizing the emergency measures that must be taken during the pre-operational first-aid stage. Describes the characteristics of the possible types of injuries and the appropriate treatment and emergency surgical interventions for each.

1/1

L 63415-65

ACCESSION NR: AF5023242

RU/0012/64/000/005/0771/0780

AUTHOR: Oancea, Tr. (Doctor, Colonel); Bogdan, Tr. (Doctor, Lieutenant Colonel);
Singer, D. (Doctor, Lieutenant Colonel)

TITLE: Contributions to the diagnosis and treatment of mediastinal tumors

SOURCE: Revista sanitara militara, no. 5, 1964, 771-780

TOPIC TAGS: tumor, therapeutics

ABSTRACT: A discussion of 18 cases of mediastinal tumors treated between 1958 and 1964, of which 11 were operated. On the basis of the data obtained from these cases, the authors summarize the types and localizations of such tumors, diagnostic techniques and problems, and complications. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SOV: 000

OTHER: 026

JPRS

Card 1/1 KC

L 64569-65

HU/0012/6/000/006/0993/1001

ACCESSION NR: AP5023481

AUTHOR: Petrulian, Gh. (Major General, Doctor); Oancea, Tr. (Doctor in medical sciences, Doctor emeritus, Colonel, Doctor); Bachman, M. (Lieutenant Colonel, Doctor); Bogdan, Tr. (Lieutenant Colonel, Doctor); Marinescu, I. (Lieutenant Colonel, Doctor); Popescu, P. (Candidate of medical sciences, Lieutenant Colonel, Doctor)

TITLE: Biliary lithiasis, observations based on 150 cases

SOURCE: Revista sanitara militara, no. 6, 1964, 993-1001

TOPIC TAGS: surgery, digestive system disease, internal medicine, digestive system

ABSTRACT: The authors have reached the following conclusions: 1. The only treatment for chronic lithic cholecystitis is cholecystectomy. In regular cases the surgery and postoperative period proceed smoothly; when septic, mechanical and other complications are present the surgery and postoperative period are more difficult. 2. Acute cholecystitis cases, promptly operated had a much better and rapid recovery than those delayed. 3. Antibiotics are not an actual treatment but only an aid in preparing for operation and in postoperative care. 4. 13 references, mainly Rumanian.

Card 1/2

L 64569-65

ACCESSION NR: AP5023481

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SDV: 000

OTHER: 013

JEnS

mlh
Card 2/2

RUMANIA

OANCEA, T., Colonel, Medical Corps; ATHANASESCU, S., Colonel, Medical Corps; POPOESCU, P., Lieutenant-Colonel, Medical Corps; BACHMAN, M., Lieutenant-Colonel, Medical Corps; GIURGIU, T., Lieutenant-Colonel, Medical Veterinary Corps; IONESCU, P., Major, Medical Veterinary Corps; SAFTA, T., Major, Medical Veterinary Corps; NOVACEK, A., Captain, Medical Corps; VOICU, Gh., Captain, Medical Corps; and SINGER, D., Lieutenant-Colonel, Medical Corps.

"Experimental Research on the Effectiveness of Some Therapeutic Measures in Blast Injury Shock"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 58-62

Abstract: Study on 44 dogs and 70 rabbits and 26 guinea pigs, exposed to shock from explosion of 2 kilograms of "Trotit" [TNT?] at varying distances from 2.2 to 25 meters away; use of "Dip-Dol" [Diparcol (diethazine) with Dolantin (pethidine)?] with a tracheostomy. The neuroplegic treatment had good effects as had the tracheostomy in acute respiratory insufficiency. Artificial respiration was pointless. 1 chart, 2 kymograms, 3 tables.

~~1/1~~
Corps; CIMEA, V., Captain, Medical Corps; VOICU, Gh., Colonel, Medical Corps; GIURGEA, Gh., Major, Medical Corps; and IONESCU, P., Captain, Medical Corps; SAFTA, T., Major, Medical Corps; and IONESCU, P., Major, Medical Corps.

APPROVED FOR RELEASE: 06/15/2000
"Cardiac Tamponade -- a Study of the Pathophysiology with Therapeutic Lessons in Penetration and Under Conditions of War"

Bucnarest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 62-66

Abstract: Study on 10 dogs, producing penetrating scalpel wounds to left cardiac ventricle, 1-3 centimeters in extent; careful monitoring of cardiovascular sequelae. The causes contributing to either rapid death or unexpected recovery through presence of just the right amount of blood to block hemorrhage without overloading heart were investigated in detail. 3 photographs of surgical specimens.

RUMANIA

OANCEA, T., Colonel, Medical Corps; ZITTI, Eugen, Dr., GIURGIU, T., Lieutenant-Colonel, Medical Veterinary Corps; IONESCU, P., Major, Medical Veterinary Corps; SAFTA, T., Major, Medical Veterinary Corps; POPESCU, P., Lieutenant-Colonel, Medical Corps; and STEFANESCU, Th., Lieutenant-Colonel, Medical Corps.

"Experimental Studies on Pulmonary Autografting"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 226-228

Abstract: Report on total pulmonary autograft studies on 11 dogs, with survival up to 9 days. The metabolic and general tissue viability as well as details of surgical technic must be mastered thoroughly before the major problem of immune reaction comes up. 1 table.

1/1

- 53 -

STANESCU, S.; OANCEA, T.

Physiological considerations on medical physical culture in
old age. Fiziol. norm. pat. 10 no.5:399-402 S-O '64

1. Institutul de geriatrie, Bucuresti (director: prof. A. Aslan).

STANESCU, S.; OANCEA, T.

Physiologic considerations on medical physical culture in
the aged. Rumania med. rev. 19 no.2:3-6 Ap-Je'65.

RUMANIA

OANCEA, T., Dr, Col, ATANASESCU, S., Dr, Col, POPESCU, P., Dr,
Lt-Col, BACHEAN, M., Dr, Lt-Col, CILDEA, V., Dr, Cpt, and
VOICU, Gh., Dr, Cpt [affiliation not given]

"Indications and Value of Bilio-Digestive Anastomoses."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 675-682.

Abstract: A report on 13 bilio-digestive anastomoses, performed as emergency operations in the course of treating 200 cases of extrahepatic biliary conditions. The importance of careful technique and proper selection of the operative site is stressed. Good results were obtained especially with the Floercken method, which was used on 7 cases.

Includes one table, 7 figures and 24 references, of which 9 Rumanian, 14 French and one English-language. -- Manuscript submitted 7 February 1966.

RUMANIA / General and Specialized Zoology. Insects. P
Insects and Ticks.

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78310

Authors : Manolache, C.; Suta, V.; Oanca, M.

Inst : Rumanian AS

Title : Data on a Biological Study of the Apple Curculio
(Anthonomus pomorum L.) and Methods of Its Con-
trol in Rumania.

Orig Pub : Bul. Stiint Acad RPR Sec. biol. si stiinte agric.
Ser. zool., 1957 9, No 2, 195-209.

Abstract : In the years 1948-1955, observations were car-
ried out on the distribution and biology of the
Apple Curculio, and in the regions most attacked
the actions of different insecticides were
studied. The best results (the smallest amount
of damaged buds) were obtained from a 0.15% sus-

Card 1/2

CALINESCU, Valentin, ing.; CANEA, Alexandru, ing.

Rationalization of internal transport in machine building plants. Metalurgia constr mas 14 no.6:534-545 Jo '62.

1. Uzina Semanatoarea, Bucuresti.

OARA, Gligor, tehnician

Equipment for lifting a metallic factory chimney. St
si Teh Buc 16 no. 1: 18 Ja '64.

1. Uzinele "Industria sirnei", Cimpia Turzii.

OARCEA, C.; SEMAKA, A.

Flora of the Anina collection. Dari seama sed 46:
239-244 '58/59 [publ. '62].

BARON, M.

1

POP. 100-1001, 1001; 1001A, 1001, 1001.

10010010, 10010010, 10010010, 10010010, 10010010.

"On the 10010010, 10010010, 10010010, 10010010, 10010010."

GRAND, H. D.; GRAND, H. D.

Emergency Hospital in Grand (1911-1912)
- (for file)

Grand, H. D. Medical, 1911, 1912, 1913-14

"Recent findings in the Grand (1911-1912)." "

OARDA, M., dr.

Considerations on 52 cases of coma after carbon monoxide poisoning. Med. intern. (Bucur) 17 no.6:695-761 Je'65.

1. Lucrare efectuata in Spitalul de urgenta din Bucuresti, Clinica medicala (director: prof. C.G. Dimitriu).

RUMANIA/Cultivated Plants. Potatoes, Vegetables, Melons.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77694.

Author : Calacatin, N.; Carza, Gh.

Inst : Institute of Agronomy, Iasi.

Title : Influence of Granulated Fertilizers on Tomato Harvest.

Orig Pub: Anuarul lucrar. stiint. Inst. agron. Iasi. Bucaresti,
1957, 175-183.

Abstract: No abstract.

Card : 1/1

QASHKOVSKIY, F.M.; BONDARENKO, V.A.; STASEVSKIY, P.I.

Manufacture of filtration kieselguhr in the Ukraine. Sakh. prom.
35 no. 5:11-15 My '61. (MIRA 14:5)

1. Ukr. iprosakhar.

(Ukraine—Kieselguhr)

OAT. B.P., inzh.-elektromekhanik

Ways of increasing the efficiency of mine electric locomotives.
Gor. zhur. no.4:42-43 Ap '61. (MIRA 14:4)

1. Krivorozhskiy gornorudnyy institut.
(Mine railroads)

OAT, G.P., insh.

Calculation of the loads on traction motors of electric mine locomotives under nonsteady working conditions. Vop. rud. (MIRA 15:8)
transp. no.6:302-310 '62.

1. Krivorozhskiy gornorudnyy institut.
(Mine railroads)

OAT, G.P., inzh.

Heating of traction motors of electric mine locomotives under
nonsteady working conditions. Vop. rud. transp. no.6:310-317
62. (MIRA 15:8)

1. Krivorozhskiy gornorudnyy institut.
(Mine railroads) (Electric railway motors)

1. DATENKO, A. R.
2. USSR (600)
4. Glass manufacture
7. Improving the quality of the batch is an urgent task of the glass industry.,
Stek. 1. ker, 9, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress. February 1953. Unclassified.

PONOMAREV, I.I., dots., kand. tekhn. nauk; OATUL, A.A., dots., kand. tekhn.
nauk

Stress concentration in joints of revolving shells. Trudy Ural.
politekh. inst. no.71:83-94 '59. (MIRA 12:8)
(Elastic plates and shells)

CACUL, A.A., and GIL, J. M. 1970. *Revista de Biología*, 19: 1-10.

Calculating: Frank R. L. ...
Sber. trud. Inzh.-struk. Fak. Shel. ...
13 '63.

Shch. trud. Inzh.-str. Fak. Shel. 10 item. inst. n. 3.4.

13 '63.

(1954-1955)

IVASHENKO, Yu.A., assistant; GATUL, A.S., dozent, kand. tekhn. nauk

Method of investigation: the area of the building of reinforced concrete
with concrete. Spec. tr. Leningrad. Univ. of Architecture and
no. 3:65-73 1973. (111111)

KOZIN, V.P., assistant; PASICHNIK, V.V., assistant; GRINSHPAN, R.G., inzh.;
CHERNYI A.S.; OATL, A.A., dotsent, kand. tekhn. nauk

Experimental research on a precast reinforced concrete conveyor gallery.
Sber. trud. Inzh.-stroi. fak. Chel. politekh. inst. no.3:83-90 '63.
(SIA 17:9)

1. Chelyabinskiy Gosudarstvennyy proyektnyy institut po obshchestvennoy
nomu i sanitarno-tekhnicheskoye proyektirovaniyu promyshlennyykh pred-
priyatiy Gosstroya SSSR (for Grinshpan). 2. Trest Chelyabmetallurgstroy
(for Chernyy).

OATUL, A.A., dotsent, kand. tekhn. nauk; POCHUKH, K.M., assistant; GUMIK, I.T.
assistant; ALLOKHIN, V.K., inzh.

Utilizing, testing, and strengthening reinforced concrete rafter
beams with ordinary and with tensioned reinforcement. Sbor. trud.
Inzh.-stroi. fak. Chel. politekh. inst. no.3:199-192 '63. (1964 17:9)

1. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR.

OAZOYEV, L.A.

Modernizing the 254-265-type molding machines. Lit. proizv. no.2:
23 F '58. (MIRA 11:3)

(Foundry machinery and supplies)

AI IMOV, Yu.I. (Sverdlovsk); OBABKOV, V.K. (Sverdlovsk)

Approximate calculation of high-speed automatic parameter
optimizing systems with almost periodic test and search
signals. Izv. AN SSSR. Tekh. kib. no.4:127-139 J1-Ag '63.
(MIRA 16:11)

L 8230-66 ENT(d)/ENP(v)/ENP(k)/ENP(h)/ENP(1)

ACC NR: AN5016104

SOURCE CODE: UR/0271/65/000/007/A015/A016

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika. Svochnyy tom, Abs. 7A108 5/3

AUTHOR: Alimov, Yu. I.; Obabkov, V. K.

TITLE: Dynamics of self-optimizing linear filters having search-modulation forced gain adjustment

CITED SOURCE: Dokl. 3-y Sibirsk. konferentsii po matem. i mekhan., 1964, Tomsk, Tomskiy un-t, 1964, 247-248

TOPIC TAGS: automatic control system, adaptive automatic control

TRANSLATION: A particular case of an adaptive control system is investigated which has been examined in a number of Soviet papers devoted to the extremal correction topics (A. A. Krasovskiy, report at the 1-st International IFAC Congress, Moscow, 1960, and others). At variance with the usual approximate methods of "freezing" the parameters of the principal loop in the above adaptive system, an exact integral equation of the system dynamics in the frequency region is developed. Bib 3.

Card 1/1

SUB CODE: 13

UDC: 62-506

ACC NR: AP6033945

SOURCE CODE: UR/0280/66/000/004/0177/0184

AUTHOR: Alimov, Yu. I. (Sverdlovsk); Obabkov, V. K. (Sverdlovsk)

ORG: none

TITLE: On dynamics of systems with automatic adjustment of the gain coefficient by means of search modulation

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 4, 1966, 177-184

TOPIC TAGS: automatic control system, automatic control theory, self adaptive control

ABSTRACT: More accurate equations of the motions in continuous control systems with extremum self-adjustment of the general gain coefficient with near-periodic test signal are derived in terms of the frequency spectrum. It is assumed that the linear system components are described by their frequency characteristics. A method for analyzing system stability without resorting to differential equations is proposed. The resulting equations are compared to those obtained by the method of coefficient "freezing". Figure 1 shows a single loop, self adaptive system with search type parameter modulation. In this system it is assumed that all parameters, except gain, of the filters W_1 and W_2 are fixed. The reference filter W_1 and the adjustable filter W_2 are both linear. In the time domain, such a system can be represented by a system of nonlinear and

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ACC NR: AP6033945

non-stationary differential equations which can be solved by "freezing" the variable

equations. The paper deals with the initial assumptions which are necessary for rigorous derivation of linear stationary equations for the system shown in figure 1 with regard to parameter $k_1(t)$ and $\kappa_2(t)$ variation with respect to time. The analysis is limited to the case where

$$\theta(t) = \sum_{k=0}^M \theta_k \cos(\omega_k t + \alpha_k), \quad \Delta(t) \varphi = \cos \Omega t,$$

$$\Delta'(t) = \cos(\Omega t + \beta), \quad \omega_k > \omega_{k-1} > 0,$$

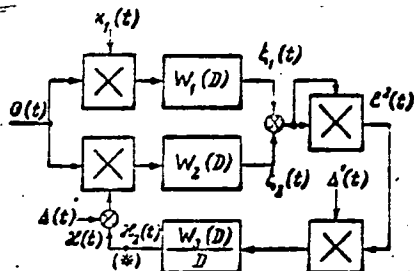


Fig. 1.

and the elements W_1 , W_2 , and W_3 are stable.

The differential equations describing this system in time domain can be converted into frequency domain using the classical Fourier transform. Unfortunately, the resulting equations do not lend themselves to rigorous analysis using the above mentioned assumptions. However, if ordinary, rather than integro-differential equations, are used to describe the system in the frequency domain, using the assumptions that the individual system's elements are stable in terms of frequency, a relatively simple technique

Card 2/3

ACC NR: AP6033945

of analyzing such system results. A complete mathematical analysis of this solution with reference to the system in figure 1 and a comparison of this technique to the method of coefficient "freezing" is included. Orig. art. has: 2 figures, 32 formulas.

SUB CODE: 09,¹³₁₂/

SUBM DATE: 24Dec65/

ORIG REF: 007/

OTH REF: 002

Card 3/3

ACC NO: AP/004242

SOURCE CODE: UR/0103/67/000/001/0054/0061

AUTHOR: Obabkov, V. K. (Sverdlovsk)

ORG: none

TITLE: Theory of multichannel extremal-control systems with sinusoidal search signals

SOURCE: Avtomatika i telemekhanika, no. 1, 1967, 54-61

TOPIC TAGS: automatic control system, automatic control R and D, automatic control theory, adaptive control

ABSTRACT: Extremal systems (see figure 'a' below) with inertial and nonstationary plants are considered. The characteristics $f(y(t), t)$ defined in a space

$y(t) = (y_1(t), \dots, y_N(t))$ have only one extremum. A random time variation of extremum-point coordinates $Y^0(t) = (Y_1^0(t), \dots, Y_N^0(t))$ of the function $s = f(y(t), t)$

is regarded as a principal disturbance. The extremal system is treated as a linear servo system (see figure 'b' below), which includes an optimizer designed to meet these "filtration" conditions:

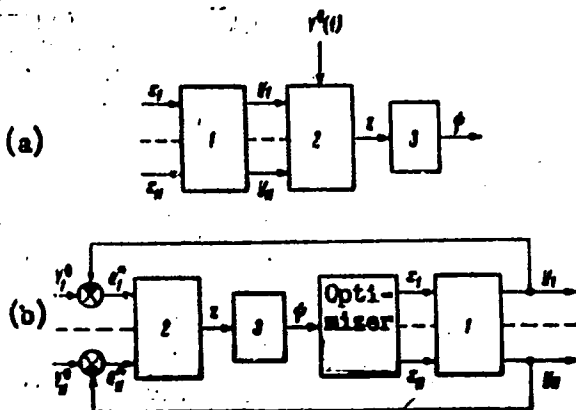
$$|\Omega_i - \Omega_q| > \Lambda_{iq} + \Lambda_q^0 \quad (i \neq q),$$

$$|\Omega_q| > \Lambda_{qq} + \Lambda_q^0 \quad (i, q = 1, \dots, N),$$

Card 1/2

ACC NR: AP7004242

where Λ_{ν} is cutoff frequency of $W_{\nu}(\Omega)$ -filter; Λ_{ν}^j (with $j = 0, 1, \dots, N$) is the spectrum which of function $u_{\nu}^j(t)$. Equations are deduced for synthesizing the above optimizer operating in systems with harmonic search signals. Automatic compensation of the phase shift between carrier and demodulating signals is recommended. "The author wishes to thank Yu. I. Alimov for discussing this project." Orig. art. has: 5 figures and 42 formulas.



SUB CODE: 09, 12 / SUBM DATE: 20Jul66 / ORIG REF: 006 / OTH REF: 001

Card 2/2

L 30727-66

ACC NR: AP6022116

SOURCE CODE: RU/0018/65/000/009/0493/0499

AUTHOR: Dragnici, Ghorman; Obaciu, Gheorghe; Boangiu, Gheorghe

ORG: none

TITLE: Finishing of cast iron with mineral-ceramic plates

SOURCE: Constructia de masini, no. 9, 1965, 493-499

TOPIC TAGS: cast iron, metal finishing, ceramic product, mineral

ABSTRACT: The authors report their experimental results with the use of Rumanian-made mineral-ceramic plates for the fine finishing of cast iron. The optimal operating parameters to be observed during the turning operation are calculated and verified experimentally. Orig. art. has: 21 figures. [Based on authors' Eng. abst.]
[JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 002

Card 1/1 ✓

UDC: 669.13;621.941.1.025.7

Obadalek, J.

CZECHOSLOVAKIA. / Chemical Technology. Chemical Products H
and Their Application. Synthetic Poly-
mers. Plastics.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33334.

Author : Obadalek, J.

Inst : Not given.

Title : The Application of Epoxy Resins in Practice.

Orig Pub: Jemna mech. a opt., 1958, 3, No 3, 80-82; No 4,
112-115.

Abstract: A review of the properties of epoxy resins (ER)
of Epoxy-1200 (I), Epoxy-1001 (II) of Czecho-
slovak manufacture and their application. ER,
containing a hardening agent, must be reprocessed
in 2 hours, but when a conglutination of an ex-
ceptionally high strength is not required, they
may be applied in the form of solutions in ben-

Card 1/3

276

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Application. Synthetic Poly-
mers. Plastics.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33334.

Abstract: zone or acetone, thereby increasing the duration of their preservation to 2 days. At the application of dilute I before the conglutinated surfaces join, it is recommended to evaporate the gluing layer solvent. The higher the temperature of the hardening of the gluing joint, the better are its mechanical properties and chemical resistance. ER of II harden at 170-210° in 2-3 hours. Their chemical resistance and dielectric properties are superior to those of I. The effect of various factors on the quality of the conglutination of ER materials is described. The strength of the conglutination acquires great significance when the gluing substance is 0.10-0.15 mm. thick. It is noted that an exceedingly important role in

Card 2/3

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Application. Synthetic Poly-
mers. Plastics.

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 33334.

Abstract: conglutination is played by the cleanliness of
the conglutinated surfaces, which must be cleansed
from fats, waxes, oils and other impurities. The
gluing compounds, in conformity with mechanical
load calculations, are not applicable at temper-
atures greater than 60° in case ER harden at low
temperatures, and greater than 100° in case ER
harden at high temperatures. Examples of the
practical application of ER are submitted (in
delicate instruments and optics at the manufact-
ure of cuvettes, filters, Geiger-Mueller counters,
electronic tubes, bulbs for electric lamps, in the
electrotechnical field, and in the manufacture of
glass plastics, etc.). Certain facts on safety
precautions while at work with ER are given. --
L. Sedov.

Card 3/3

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