

RUMANIA / Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77624.

Abstract: following sequence of reactions: $2\text{-R-4-NH}_2\text{C}_6\text{H}_3$
 CH=NOH (II) 2-R-4-CH_3
 $\text{CONHC}_6\text{H}_3\text{CN (IV)} \rightarrow \text{(I)}$ and $2\text{-R-4-NH}_2\text{C}_6\text{H}_3\text{COOH}$
 $\rightarrow 2\text{-R-4-NH}_2\text{C}_6\text{H}_3\text{COOCH}_3 \text{ (V)}$ $\rightarrow 2\text{-R-4-CNC}_6\text{H}_3\text{COOCH}_3$
 $\text{(VI)} \rightarrow \text{II}$. When IIIa is heated with $(\text{CH}_3\text{CO})_2\text{O}$
 by a previously described method (P. Lach, Ber,
 17, 1571 (1884)), IVa is obtained, mp 199-200°
 (from aqueous alcohol). IVb, mp 210-211°, is ob-
 tained by a similar procedure. IVa and NH_2OH
 (VII) on heating in alcohol in a sealed test tube
 for 10 hrs at 70° (see W. Krone, Ber, 24, 834
 (1891)) give Ia, yield 100%, mp 182° (decomp; from
 alcohol). Ib is obtained by a similar procedure,
 mp 184°. VIa is obtained in yields of 30% (mp 92°)

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RUMANIA / Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77624.

Abstract: from Va by the Sandmeyer reaction; a similar procedure is used in the preparation of VIb (mp 93°) from Vb. When a saturated alcoholic solution of VIa is heated with an aqueous solution of VII in a sealed test tube at 70°, IIa (mp 139°) is obtained by the evaporation of the reaction product at about 100°. IIb is prepared by a similar procedure, mp 119°. -- V. Skorodumov.

Card 3/3

MANDASESCU, L.; STOICESCU-CRIVAT, L.

Reaction of the methyl group in heterocyclic compounds. I. On the King reaction in the benzodiazine series. Studii chimie Iasi 10 no.2:271-284 '59. (EEAI 10:1)

1. Academia Republicii Populare Romine, Filiala Iasi; Institutul de Chimie "Petru Poni."

(Methyl group) (Heterocyclic compounds)
(Quinazoline) (Quinoxaline) (King reaction)

MANDASESCU, Laura; STOICESCU-CRIVAT, Leonia

Reaction of the methyl group in heterocyclic compounds. II. Condensation
of 2-methylbenzodiazines with aldehydes. Studii chim Iasi 11 no.1:
75-85 '60. (EEAI 10:3)

(Methyl group) (Heterocyclic compounds)
(Methylquinoxaline) (Aldehydes)

MANDASESCU, Laura; STOICESCU-CRIVAT, Leonia; GABE, I.

Reaction of the methyl group in heterocyclic compounds. III. Cyanic dyes, derivatives of 2-methylbenzodiazine. Studii chim Iasi 11 no.2:311-322 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul de chimie "Petru Poni."

(Methyl group) (Cyclic compounds)

MANDASESCU, Laura; STOICESCU-CRIVAT, L.; GABE, I.

Reactivity of the heterocyclic methyl group. III. Cyaninic colorants derived from 2-methylbenzodiazine. Rev chimie 6 no.2: 185-197 '61.

MANDASESCU, Laura; STOICESCU-CRIVAT, Leonia; GABE, I.; LICA, S.;
STEFANESCU, M.

Reactivity of methyl group in heterocyclic compounds. IV.
Studii chim Iasi 13 no.1:115-127 '62.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie si
fizica "Petru Poni", Sectia de chimie organica.

COCEA, El. [deceased]; STOICESCU-CRIVAT, L.; PETRUS, A.; MANDASESCU, L.
MATEI, I.

Aryl aliphatic diisocyanates. Studii chim Iasi 14 no. 2:213-
219 '63.

1. Section of Organic Chemistry, "Petru Poni" Institute of
Chemistry and Physics, Rumanian Academy, Iasi Branch.
2. Corresponding Member of the Rumanian Academy (for Matei).

MANDAȘESCU, Laura; PĂRĂȘ, Mădălina; MĂCĂȘI, I.

Synthesis of polyurethan esters, starting materials and intermediates. Pt.9. Rev chimie Nouă 9 no.9/9:491-499 Ag-5 '64.

1. "Petru Poni" Institute of Chemistry, Romanian Academy, Iasi Branch.

MANDAȘESCU, Laura; PETRUȘ, Alia; MATFI, I.

Syntheses of polyurethan elastomers of starting and intermediary products. It. J. Studii cerc chim 13 no. 2/3:539-547 A7-3 '64.

1. "Petru Poni" Institute of Chemistry of the Rumanian Academy, Iasi Branch, 41 A Aleea Grigore Ghica Voda.

MIETKIEWSKI, E.; STANISZEWSKI, L.; MANDAT, A.

On serum transaminase activity in certain experimental shocks.
Acta physiol.polon.11 no.5/6:837-838 '60.

1. Z Zakladu Fizjologii Pomorskiej A.M. w Szczecinie, Kierownik:
prof.dr E.Mietkiewski. Z Zakladu Chemii Fizjologicznej Pomorskiej
A.M. w Szczecinie, Kierownik: prof.dr E.Lempicki.
(TRANSAMINASES blood)
(SHOCK exper)

MIETKIEWSKI, Eugeniusz; STANISZEWSKI, L.; LEMPICKI, E.; MANDAT, A.

Comparative studies on the blood transaminase activity in experimental shock. I. Transaminase activity in histamine and traumatic Noble-Collip shock. Acta physiol pol 12 no.4:529-536 '61.

1. Z Zakładu Fizjologii A.M. w Szczecinie Kierownik: prof. dr E. Mietkiewski Z Zakładu Chemii Fizjologicznej A.M. w Szczecinie Kierownik: prof. dr E. Lempicki.

(SHOCK exper) (TRANSAMINASES blood)
(HISTAMINE pharmacol)

MIETKIEWSKI, Eugeniusz; STANISZEWSKI, L.; LEMPICKI, E.; MANDAT, A.

Comparative studies on the blood transaminase activity in experimental shock. II. Transaminase activity in anaphylactic and traumatic tourniquet shock. Acta physiol pol 12 no.4:537-548 '61.

1. Z Zakladu Fizjologii Kierownik: prof. dr E.Mietkiewski Z Zakladu Chemii Fizjologicznej Pomorskiej A.M. w Szczecinie Kierownik: prof. dr E.Lempicki.

(TRANSAMINASES blood) (SHOCK exper) (ALLERGY exper)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna

Determination of the cholinesterase activity in the blood serum with "Acholest", a test paper. Polski tygod. lek. 16 no.48:1842-1849 27 N '61.

1. Z II Kliniki Chorob Wewnetrznych P.A.M. w Szczecinie; kierownik:
prof. dr med. Edward Gorzkowski.
(CHOLINESTERASE blood)

LAPIS, Janusz; MANDAT, Alina; RYCHLIK, Henryka; SZYMANSKA, Hanna

On the activity of certain enzymes in parenchymatous hepatitis.
Polskie arch. med. wewn. 31 no.3:337-347 '61.

1. Z II Kliniki Chorob Wewnętrznych P.A.M. w Szczecinie Kierownik:
prof. dr med. E. Gorzkowski i z Kliniki Chorob Zakaźnych P.A.M. w
Szczecinie Kierownik: doc. dr med. M. Eisner.

(HEPATITIS INFECTIOUS metab) (ENZYMES metab)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; przy wspoludziale laborantki
WOJCIK, Barbary

On the activity of some serum enzymes in liver cirrhosis. Pol. arch.
med. wewnet. 32 no.2:193-199 '62.

1. Z II Kliniki Chorob Wewnetrznych PAM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski.

(LIVER CIRRHOSIS blood) (ENZYMES blood)

LAPIS, Janusz; MANDAT, Alina; SZYMANSKA, Hanna; z wspoludzialem laborantki
MATUSZEWSKIEJ, Lidi

On the activity of certain serum enzymes in obstructive jaundice. Pol.
arch. med. wewn. 33 no.1:25-32 '63.

1. Z III Kliniki Chorob Wewnetrznych AM w Szczecinie Kierownik: prof.
dr med. E. Gorzkowski.

(ALANINE AMINOTRANSFERASE)	(ASPARTATE AMINOTRANSFERASE)
(BLOOD ALKALINE PHOSPHATASE)	(ALDOLASE) (CHOLINESTERASE)
(JAUNDICE, OBSTRUCTIVE)	(CHOLELITHIASIS)
(BILE DUCT NEOPLASMS)	(BLOOD CHEMICAL ANALYSIS)

KICZAK, Janina; MANDAT, Alina

A case of Addison-Biermer anemia after subtotal gastrectomy for cancer. Pol. tyg. lek. 20 no.26:974-975 28 Je '65.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie (Kierownik: prof. dr. med. Edward Gorzkowski).

LAPIS, Janusz; MAJEWSKA, Milada; MANDAT, Alina; SEBASTYANSKI, Tadeusz;
BURA, Maria

On neurological complications in the course of Hodgkin's disease.
Pol. tyg. lek. 20 no.28:1051-1053 12 J1 '65.

1. Z II Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie
(Kierownik: prof. dr. med. Edward Grozkcwski) z III Kliniki
Chorob Wewnętrznych Pomorskiej AM w Szczecinie (Kierownik: doc.
dr. med. Marek Eianer) i z Zakładu Anatomii Patologicznej Po-
morskiej AM w Szczecinie (Kierownik: prof. dr. med. Kazimierz
Stojalowski).

117 AND 120 CODES 120 AND 121 CODES
 PROCESSES AND PROPERTIES INDEX

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COMMON ELEMENTS

COMMON VARIABLES INDEX

INTERNAL INDEX

EXTERNAL INDEX

OXYGEN GOUGING IN THE PRODUCTION OF LOCOMOTIVE BOILERS.
 J. Mandana. (Svarovani, 1948, vol. 8, no. 10, pp. 137-141). (In Czech). The paper gives a brief review of the experience gained with oxygen gouging in the locomotive works of Ceskomoravska Kolben Danek. This method has been introduced after the war to lower production costs, it can be used for carbon and alloy steels. Its main application is for gouging the roots of welds, thus replacing pneumatic chipping, but it is also suitable for rough recessing work instead of planing or milling. Speed of work depends on the skill of the operator and accessibility, and it takes 5 to 20 min. to gouge 1 m. of weld. The same work requires 20 to 60 min. with pneumatic tools. Defects are discovered more easily; they cause dark spots to appear in the flame. Cavities are not filled in because the high oxygen pressure does not allow filling in of these cavities by liquid metal. Well over 300 locomotive boilers have been prepared for welding by application of oxygen gouging since the end of the war, and the results appear to be satisfactory. E. G.

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120 AND 121 CODES

MADANS, J.

Friction welding.

p. 681 (Strojirenstvi. Vol. 7, no. 9, Sept. 1957. Praha, Czechoslovakia)

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

MANDAUS, J.; VOBOŠT, J.

Friction welding. p.33

STROJIRENŤVI (Ministerstvo tezkého strojírenství, Ministerstvo přesného strojírenství
a Ministerstvo automobilového průmyslu a zemědělských strojů)
Praha, Czechoslovakia
Vol. 7, no. 1, Jan. 1959

Monthly list of East European Accessions (EEAA), SIC, Vol. 3, no. 7
July 1959
Uncl.

Z/032/62/013/008/002/004
E073/E135

AUTHORS: Vystyd, M., Vintr, J., and Mandaus, J.

TITLE: Refractory steels and alloys in the manufacture of turbo-blowers

PERIODICAL: Strojirenství, v.13, no.8, 1962, 635

TEXT: The report deals with investigation of the properties and the technology of working and treatment of refractory steels and alloys intended for the manufacture of turbo-blowers. The properties and applicability of the formed steels Poldi AKRE and Poldi AKRN in the case of composite, welded, axial turbine wheels (shafts made of low-alloy steels, blades made of austenitic refractory steels) and the properties of refractory steels and alloys LVN-1 to LVN-5 for precision castings and working of these alloys (friction welding, arc welding in a protective argon atmosphere) are described. The results are given of tests of experimental turbine wheels which were achieved on the test stand and in practice. Report no. Z-61-1017, joint report of SVÚMT, Prague, IBZKG, Brno, and VÚSSTS, Prague, 1961.

Card 1/1 [Abstractor's note: Complete translation.]

MANDAUSOVA, O.

Gonorrhoea in childhood. *Pediat. listy* 5:3, May-June, 50. p. 141-3

1. Of the Department for Women's Diseases and Children's Gynecology
of the Polyclinic of Charles University in Prague.

CLML 19, 5, Nov., 1950

MANDAUSOVA, Olga

REJSKOVA, Marie, MUDr; MANDAUSOVA, Olga, MUDr; SEKYROVA, Marie, soc. prac.

Result of investigation of a group of women in heavy industry.
Pracovni lek. 6 no.3:140-149 Je '54.

1. Z kliniky chorob z povolani a hygieny prace, z gynekologickeho
oddeleni FZS v Praze, z Ustavu hygieny prace a chorob z povolani.
(INDUSTRY AND OCCUPATIONS,

*women in heavy indust. in Czech., survey)

MANDAUSOVA, Olga

Ambulatory therapy of metrorrhagia juvenilia. Cesk. gyn. 25[39]
no.1/2:62-65 M^r '60.

1. III. por. klinika KU, prednosta prof. MUDr. R. Peter, Dr. Sc.
(MENORRHAGIA AND METRORRHAGIA in adolescence)
(PUBERTY compl.)

BLAHOVA, K.; DOSTALOVA, L.; MANDAUSOVA, O.; SCHOLZOVA, D.; VESELY, K.

Discharges in children. *Cesk. gyn.* 26[40] no.4:277-280 '61.

1. III. por. klinika KU v Praze, prednosta prof. MUDr. R. Peter, Dr.
Se. III. gyn. por. odd. fakultni porodnice v Brne, predn. doc. MUDr.
A. Cernoch Gyn. por. odd. OUNZ v Opave, predn. MUDr. O. Sipek.

(LEUKORRHEA in inf & child)

MANDEA, G., ing.

Millions of tons of calcareous stone. St si Teh Buc 15 no.3:12-13
Mr '63.

MANDEBURA, S.I., inzh.

Prevent accidents with vertical cylindrical steam boilers. Ezop.truda
v prom. 7 no.2:15-16 F '63. (MIRA 16:2)

1. Vinnitskaya rayonnaya gornotekhnicheskaya inspektsiya Gosudarstvennogo
komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem
rabot v promyshlennosti i gornomy nadzoru.
(Boilers—Safety measures)

MANDECKI, Tadeusz

Angiotensin and hypertension. Pol. tyg. lek. 19 no.30:1168-1171
27 JI'64

1. Z III Kliniki Chorob Wewnętrznych Sz. Akademii Medycznej
w Katowicach; kierownik: prof. dr. med. Kornel Gibinski.

MANDECKI, Tadeusz

Kidney transplantation. Pol. tyg. lek. 19 no.49:1905-1907
7 D '64

1. Z III Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej w Katowicach (kierownik: prof. dr. med. Kornel Gibinski).

MANDEL', A., korrespondent zhurnala

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Pine initiative. Zdrav.Ros.Feder. 2 no.2:45 P '58.
(MEDICAL PERSONNEL)

(MIRA 11:2)

8/229/62/000/008/001/002
I011/I211

AUTHOR: Mandel', A.Z., Engineer

TITLE: A small-depth passenger motor-vessel on under-water wings

PERIODICAL: Sudostroyeniye, no.8, 1962, 1-3

TEXT: Running tests of the first "PAKETA" ("Raketa") type small-depth motor-vessel were carried on the Sozh and Dnepr rivers at the close of 1959. The vessel differs from the basic (serial) type in the structure of the propelling complex and the rudder: (1) the propeller is placed above the stern wing in a special water-collecting peak and is removed astern by three frame-spacings; (2) the place of the main engine is changed; (3) the rudder height is decreased and its length increased. The load was decreased by

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S/229/62/000/008/001/002
I011/I211

A small-depth passenger motor-vessel...

2.43 tons by reducing the number of passengers (from 66 to 48) and the amount of fuel (by 400 kg). The small-depth "Raketa" made its first test trip over the Gomel'-Kiyev-Gomel' course in November 1959. There were 30 persons and 1400 kg of fuel and oil on board. The distance of 334 km. was covered with an average speed of 44.7 km. per hour down stream and at 46.5 km per hour in the other direction. The rudder mechanism was augmented by a hydraulic servo-mechanism as a result of this test. The vessel was commissioned in June 1960, with a useful load of 5200 kg (45 passengers, a crew of 7, 200 kg of food-stuff, and 1100 kg of fuel). Not less than 90 seconds were required for elevating on to the wings. The engine developed at this moment 1650-1700 rpm and was loaded to the limit. Some faults were observed. The vessel was modified. "PAKETA-02" ("Raketa-02") developed an average speed of 44-56.7 km per hour with a useful load of 6950 kg. The

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I011/I211

A small-depth passenger motor-vessel...

average engine power was 800 HP. The number of revolutions did not exceed 1630-1650 rpm. The vessel elevated onto its wings at 36 km per hour after 45-50 sec. at 1700 rpm and without reaching the maximum loading. At less than 1350 rpm the vessel descended into the water. The serial production of the small-depth "Raketa" is worthwhile. There are 4 figures.

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MANDEL', D.G.

Features by date of the recurrence of Lapland outbreaks. Trudy
GGO no.148:115-121 '63. (MIRA 16:6)

(Meteorology)

ZAMARAYEV, S.M.; SAVINSKIY, K.A.; MANDEL'BAUM, M.M.

Tectonics of the southern part of the Siberian Platform and trends in oil prospecting. Sov. geol. 6 no.5:38-50 My '63.
(MIRA 16:6)

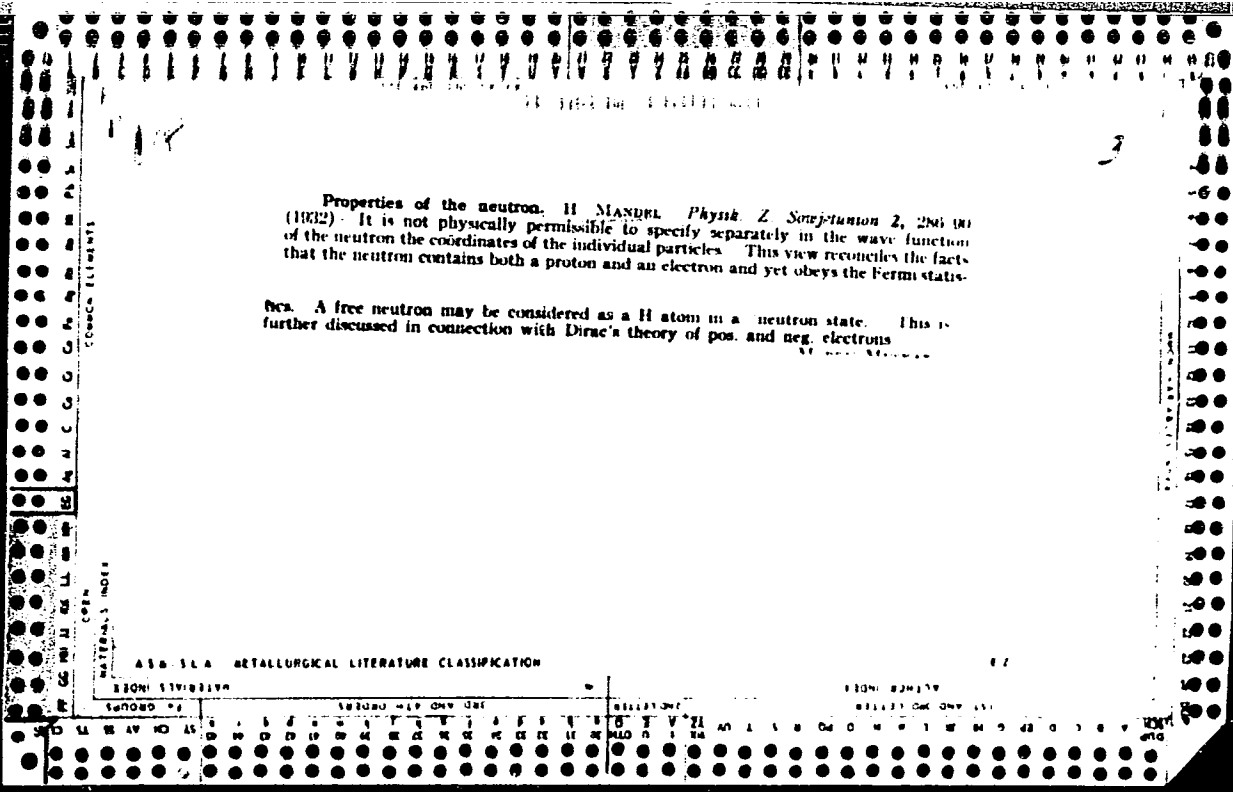
1. Vostsibneftegeofizika.
(Siberian Platform--Geology, Structural)
(Siberian Platform--Prospecting)

MANDEL', G.F., inzh. (g.Kazan')

Shortcomings in surveying and planning found during the
construction of the Saratov-Gorkiy gas pipeline. Stroi.
truboprov. 6 no. 1:8-9 Ja '61. (MIRA 14:2)
(Gas, Natural--Pipelines)

MANDEL', G.E. (Kazan')

Must brochures on advanced practices be printed this way?
Stroi. truboprovod. 6 no.8:3 of cover Ag '61. (MIRA 14:8)
(Pipelines—Study and teaching)



MANDEL, H. SA

3473. Protons and Positive Electrons. H. Mandel. *Phys. Zeits. d. Sowjetunion*, 3, 5, pp. 551-553, 1933. In English.—Possible mutual relations between the known kinds of elementary particles (electrons, positive electrons, protons and neutrons) and photons are discussed from the point of view of Dirac's theory of "holes." J. E. R. C.

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

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SA

403. Heisenberg's Nuclear Theory. H. Mandel. *Phys. Zeits. d. Sowjetunion*, 4, 4, pp. 640-650, 1933.--The difficulties associated with Heisenberg's nuclear theory are discussed and a hypothesis which is claimed to remove them is proposed. It is suggested that the charge carried by particles can be to a certain extent quantised and the hypothesis is embodied in the following formula: proton charge = $(1 + \rho)e/2$, and electron charge = $-(1 - \rho)e/2$, where ρ is an operator which can have either of two values +1 and -1. A neutron thus corresponds to $\rho = 1$. Zero charge electrons, corresponding to $\rho = +1$ are proposed as components of the nucleus. The advantages of this hypothesis are described in detail.

J. E. R. C.

METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND PARTS PROPERTIES AND PROPERTIES INDEX

A 53
V

4712.-ELECTRODYNAMICS OF MATERIAL MEDIA. H. MANDEL AND P. K. TEJNIKOV
 TRIPLES BANDS (DOKLADY) E L'AD. DES SCIENCES, USSR.16. 2 pp 93-83
 1937 In German. Expressions for the electromagnetic tensors in anisotropic
 media are given GC. MoV

ASB 51.4 METALLURGICAL LITERATURE CLASSIFICATION

1937-1940

1ST AND 2ND GROUPS PROCESSES AND PROPERTIES INDEX

SA A52

3580. Electrodynamics and Cosmology. H. Mandel. *Comptes Rendus (Doklady) de l'Acad. des Sciences, U.S.S.R.* 18, 8, pp. 543-547, 1938. In German.—The generalised non-linear electrodynamics proposed by Born in classical (i.e. non-quantised) form is given a geometrical basis in terms of 5-dimensional unified field-theory. A study of Born's tensor $F_{\alpha\beta}$ leads to a knowledge of the cosmological properties of 5-dimensional space, with especial reference to its curvature on certain assumptions. A. Hu.

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

GENERAL INDEX

COMMON VARIANTS INDEX

1	2	3	4	5	6	7	8	9	0	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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MANDEL, H.

✓ 483. DETERMINATION OF WATER CONTENT OF OILS BY THE FISCHER METHOD,
Mandel, H. (Kalttechnik, 1954, vol. 6, (10), 269, 270; abstr. in H.R.F.
Tech. Jnrl. 1955, vol. 4, 11). Two articles dealing with the Fischer
method of water determination. It is possible in a period of two hours to
determine the smallest quantity of water in oils.

[Handwritten signature]

Mandel, H.; ~~P. H. Kowalski, Th.~~

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RUMJIA/Chemical Technology. Chemical Products and Their Application. Chemical Processing of Solid Fossil Fuels.

D-22

The Jour: Ref Zhim-Khim., No 2, 1959, 9952.

Author : Hlav, I.; Boldai, Fr.; Epure, I.; ~~Spornic, G.~~
Goldstein, M.; Gornica, M.; Ionescu, H.; Mandel, H.;
Piatkowski, Th.; Sirbu, H.

List
Title : Chemico-Technological Study of Peat in RFR. Report II. Mechanical Treatment and Processes of Chemico-Technological Treatment of Peat in RFR.

Orig Ref: Studi si cercetari carb., 1956, 6, No 3, 265-279.

Abstract: It was found in the laboratory study on briquetting that the strength of briquets does not increase noticeably with the rise of pressure above 1500 kg

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per sq. cm. The optimum moisture in peat, producing strongest briquets depends on the granulometric composition of peat and changes together with it. The temporary resistance to bending of briquets produced was 27 - 30 kg per sq.cm. 5% crumbe or more was produced, when briquets were dropped from a height of 3 m on a cement floor. The briquets disintegrated when immersed in water. In the extraction of peat with a mixture of alcohol and benzene (1 : 1), the yield of the extract varied between 3.8 and 12.5% of the combustible mass depending on the character of peat. See Zhim, 1957, 66968 for report I. - H. Bogdanov.

Card : 2/2

MANDEL, H.

Attempts at desulfurization of coking coal in Rumania.
Note III. Research on the desulfurizing action of
certain gases during the process of coking coal in
Valea Jinului. p. 565. STUDII SI CERCETARI DE ENERGET-
ICA. Bucuresti. Vol. 5, no. 3/4, July/Dec. 1955

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

MANDEL, H.; BLUM, I.; IONESCU-GHEORGHIȚA, I.

Some considerations connected with the problem of the international classification of brown coal. p. 6,
(Standarsizarea, Vol. 9, No. 1, Jan. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (MEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MANDEL, J.

Construction costs of steam electric power plants. p. 168.

ENERGETYKA, Vol. 9, No. 4 July/Aug. 1955

(Ministerstwo Energetyki) Stalinogrod.

SCURCE: East Europe an Accessions List Vol. 5, No. 1 Jan. 1956

MANDEL, Jakub, mgr., inz.

Forecast for the development of power parameters from the economic viewpoint. Energetyka Pol 15 no.12:356-359 D '61.

1. Komitet Elektryfikacji Polski.

(Poland—Electric power)

MANDEL, J., mgr., inż.

Economic problems in the activities of the Committee for Poland's
Electrification. Przegl elektrotechn 37 no.12:483-485 '61.

1. Komitet Elektryfikacji Polski Polskiej Akademii Nauk.

(Poland--Electrification) (Poland--Economic policy)

MANDEL, Jakub, mgr inż.

Announcement concerning the results of the First National Contest of Rationalizers in the field of economizing thermal power and fuels. Energetyka przem 10 no.10:354, 357-358 0 '62.

1. Przewodniczący Komisji Roboczej I Ogólnokrajowego Konkursu Racjonalizatorów w zakresie oszczędności energii cieplnej, Warszawa.

KOPYSTIANSKI, Anatol; MANDEL, Jakub

Adam Wang, August 14, 1903-January 3, 1963. Gosp paliw 11
no.2:61 F '63.

MANDEL, J., mgr inz.

Program of improving the efficiency of boilers and boiler houses
as well as better utilization of waste heat. Gosp plan 12 00.8/4:
296 Ag-3 '64.

1. Head, Collective of Heat Management, State Inspectorate of
Fuel and Power Management, Warsaw.

MANDEL, Jakub, mgr inz.

Research on the economic effectiveness of capital investments
aiming at better power management. Gosp paliw 12 no.10:325-
331 0 '64.

MANDEL, Jakub, mgr inz.; HALAREWICZ, Konrad, mgr inz.

Communique concerning the results of the First National
Polish Contest of Fuel and Power Consumption. Gosp paliw
12 no.10:347 0 '64.

MANDEL, L.

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, no. 1, 1959

Mandel, L. Experience with automatic feeders for hogs.
p. 42.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
May 1959, Unclass.

STERZL, J.; KOSTKA, J.; RIHA, I.; MANDEL, L.

Attempts to determine the formation and character of γ -globulin and natural and immune antibodies in young pigs reared without colostrum. Folia microbiol 5 no.1:29-45 '60. (EBAI 9:6)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences, Prague and Pig-breeding Research Institute, Kostelec n./Orlici.

(Gamma globulin) (Antigens and antibodies)

CZECHOSLOVAKIA

TRAVNICEK, J.; MANDEL, L.; LANC, A.; RUZICKA, R.; Microbiological Institute, Czechoslovak Academy of Sciences (Mikrobiologicky Ustav CSAV), Prague.

"Rearing of Bacteria-Free Piglets."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 240-244.

Abstract: A method of breeding and rearing bacteria-free piglets at the Institute of Microbiology of the Czechoslovak Academy of Sciences is described. The piglets are born by hysterectomy and kept in isolated rooms made of laminated glass. Non-antigenic diet, containing food required by the animals consists of casein hydrolysate, lactose, glucose, olive oil, choline chloride, vitamins, and mineral salts. Sterile conditions are maintained by using peracetic acid. 6 Figures, 1 Table, 15 Western, 6 Czech references. (Manuscript received 14 June 65).

1/1

SURNAME, Given Names

(1)

MANDEL, LEOS
Country: Czechoslovakia

Academic Degrees:

Affiliation: Dept Biology & Physiology, CSAZV/VUCHP (Abbr not identified) Kostelec n. Orli.

Source: Prague, Sbornik CSAZV Veterinarni Medicina Vol 6(34), No 9, Sep 61; pp705-714

Data: "Hemograms in Early Weaned Pigs Reared Using Chloramphenicol"

✓ MANDEL, Leos
✓ TRAVNICEK, Jiri
✓ SIMEK, Lobot

epo 981643

MANDEL, M., ING.

A mathematical reallion between the temperature level and the duration of the phases of vegetation. *Natura Biologie* 14 no.1:44-48 Ja-F'62.

1. Gospodarie agricola colectiva "Drumul lui Lenin," Reg. Galati.

MANDEL, M.

"Results of contracting bacon hogs", p. 2, (GOSPODARKA MIESNA, Vol. 5, No. 1, January, 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

MANDEL, M.

MANDEL, M. Let us improve the distribution of sows of the bacon type in 1956.
p. 23.

Vol. 8, No. 1, Jan. 1956
GOSPODARKA MIESNA
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

MANDEL, M.

Results of the exhibitive feeding bacon hogs in the Bydgoszcz and Nablo Meat Plants. (Supplement, No. 1) p. 3. (Gospodarka Miesna, Vol. 2, No. 6, June 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

MAKAROV, V.; MANDEL', O.; ITS KOVICH, A.; PANAYOTI, Yu.

Observation of eclipsing variable stars. Astron. tsvr. no.187:16-17
D '57. (MIRA 11:6)

1. Kollektiv nablyudateley Otdeleniya Vsesoyuznogo astronomo-
geodezicheskogo obshchestva, Odessa.
(Stars, Variable)

MAHDEL', O.Ye.

Visual observations of DY Pegasi. Per.zvezdy 12 no.5:373-376 H '58.
(MIRA 13:9)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

SOV/35-59-8-6246

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 21

AUTHOR: Mandel', O.Ye.

TITLE: The Observation of RZ Cas and XZ And. ✓

PERIODICAL: Astron. tsirkulyar, 1958, July 3, Nr 193, pp 24 - 25

ABSTRACT: Seven moments of minima are given for the star RZ Cas and six moments of minima for the star XZ And from observations published earlier by the author.

Card 1/1

MANDEL', O.Ye.

Minima of RS Cassiopeiae. Astron.tsir. no.200:14 Nr '59.
(MIRA 13:2)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

S/035/60/000/006/024/038
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Gecdeziya, 1960, No. 6,
p. 64, # 5305

AUTHORS: Grigorevskiy, V. M., Mandel', O. Ya

TITLE: Observations of the ^XLunar Eclipse of 1959, March 24

PERIODICAL: Astron. tsirkulyar, 1959, apr. 15, No. 201, pp. 6-7

TEXT: The eclipse was observed at the Odessa Observatory in the village
of Mayaki with a 6'' comet seeker. The table of occultations and re-appearances
of the formations of the lunar surface is presented.

Translator's note: This is the full translation of the original Russian
abstract.

✓
VB

Card 1/1

MANDEL', O.Ye.; GRIGOREVSKIY, V.M.

Two statistical regularities connected with the Blazhko effect.
Astron.tsir. no.205:18 0 '59. (MIRA 13:6)

1. Astronomicheskaya observatoriya, Mayaki.
(Stars, Variable)

MANDEL', O.Ye.; GRIGOREVSKIY, V.M.

DY Pegasi- a variable with the Blazhko effect. Astron.tsir: no.205:
21-22 0 '59. (MIRA 13:6)

1. Astronomicheskaya observatoriya, Mayaki.
(Stars, Variable)

MANDEL', O.Ye.; SOKOLOVA, I.A.; GRIGOREVSKIY, V.M.

GY Aquarii. Per.zvezdy 13 no.1:62-67 ≈ '60.

(MIRA 14:3)

1. Odesskaya astronomicheskaya Observatroya.
(Stars, Variable)

MANDEL', O.Ye; SOKOLOVA, I.A.; SATANOVA, E.A.

AB Andromedae. Per.zvezdy 13 no.2:130-136 N '60. (MIRA 14:10)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

GRIGOREVSKIY, V.M.; MANDEL', O.Ye.

Some regularities in the brightness variation of DY Pegasi.
Per.zvezdy 13 no.3:190-220 D '60. (MIRA 14:11)

1. Odesskaya astronomicheskaya observatoriya, s. Mayaki.
(Stars, Variable)

MANDEL', O.Ye.

Five eclipsing variables. Per zvezdy 13 no.3:221-230 D '60.
(MIRA 14:11)

1. Odesskaya astronomicheskaya observatoriya, "Mayak".
(Stars, Variable)

MANDEL', O. Ye.

Observations of Nova Herculis 1960. Astron. tsir. no.209:2 Mr '60.
(Stars, New) (MIRA 13:9)

TSESEVICH, V.P.; MANDEL', O. Ye.

Two RR Lyrae-type stars. Astron. tsir. no.209:26 Nr '60.

(MIRA 13:9)

1. Odesskaya astronomicheskaya observatoriya "Mayaki."
(Stars, Variable)

MANDEL', O.Ye.

Visual observations of six variable stars. Astron.tsir. no.209:28-
29 Mr '60. (MIRA 13:9)

1. "Mayaki" Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

MANDEL' O.Ye.

Weber 87 is a RR Lyrae-type star. Astron. tsir. no.215;23 0 '60.
(MIRA 14:3)

1. "Mayaki" - Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

MANDEL', O.Ye.; KOMAROV, N.S.

WZ Aquarii. Per.zvezdy 13 no.5:372-375 Je '61. (MIRA 15:8)

1. "Mayaki" - Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

MANDEL', O.Ye.

Normal maxima of RR Lyrae-type stars. Astron. tsir. no.228:
20-21 Ap '62. (MIRA 16:6)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

MANDEL', O.Ye.

Three stars of RR Lyrae type. Per. zvezdy 14 no. 6:465-490 1963.
MIRA 18:5.

1. Odesskaya astronomicheskaya observatoriya.

TSESEVICH, V.P.; MANDEL', O.Ye.

AE Virginis, an RR Lyrae type star. Per. zvezdy 14 no.6:510-513
D '63. (MIRA 18:5)

MANDEL, P.

Experimental television projection with negligible time lag. p. 94.
SLABOPROUDY OZOR, Prague, Vol. 15, no. 2, Feb. 1954.

SO: Monthly List of East European Accessions, (LEAL), LC, Vol. 5, No. 6 June 1956, Incl.

CHAMBON, P.; KARON, H.; MANDEL, P.

Free nucleotides in the erythrocytes in rats after x0irradiation.
Acta physiol.polon.11 no.5/6:669 '60.

1. Z Zakladu Chemii Fizjologicznej A.M. w Poznaniu, Kierownik:
prof.dr Z.Stolzmann. Z Instytutu Biochemii w Strassburgu, Kierownik:
prof.dr P. Mandel.

(RADIATION INJURY exper)

(NUCLEOSIDES AND NUCLEOTIDES blood)

(ERYTHROCYTES radiation eff)

18

MANDEL, R. A.

cu

Aluminum sulfate R. A. Mandel, Russ. 16, 255, March 31, 1930. To prep. $Al_2(SO_4)_3$ suitable for treating water, clay is decomposed by H_2SO_4 until the hot soln. obtained has a gravity of 53°Bé. The soln. is then poured directly into molds.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

137 AND 138 CODERS PROCESSES AND PROPERTIES INDEX

18

CP

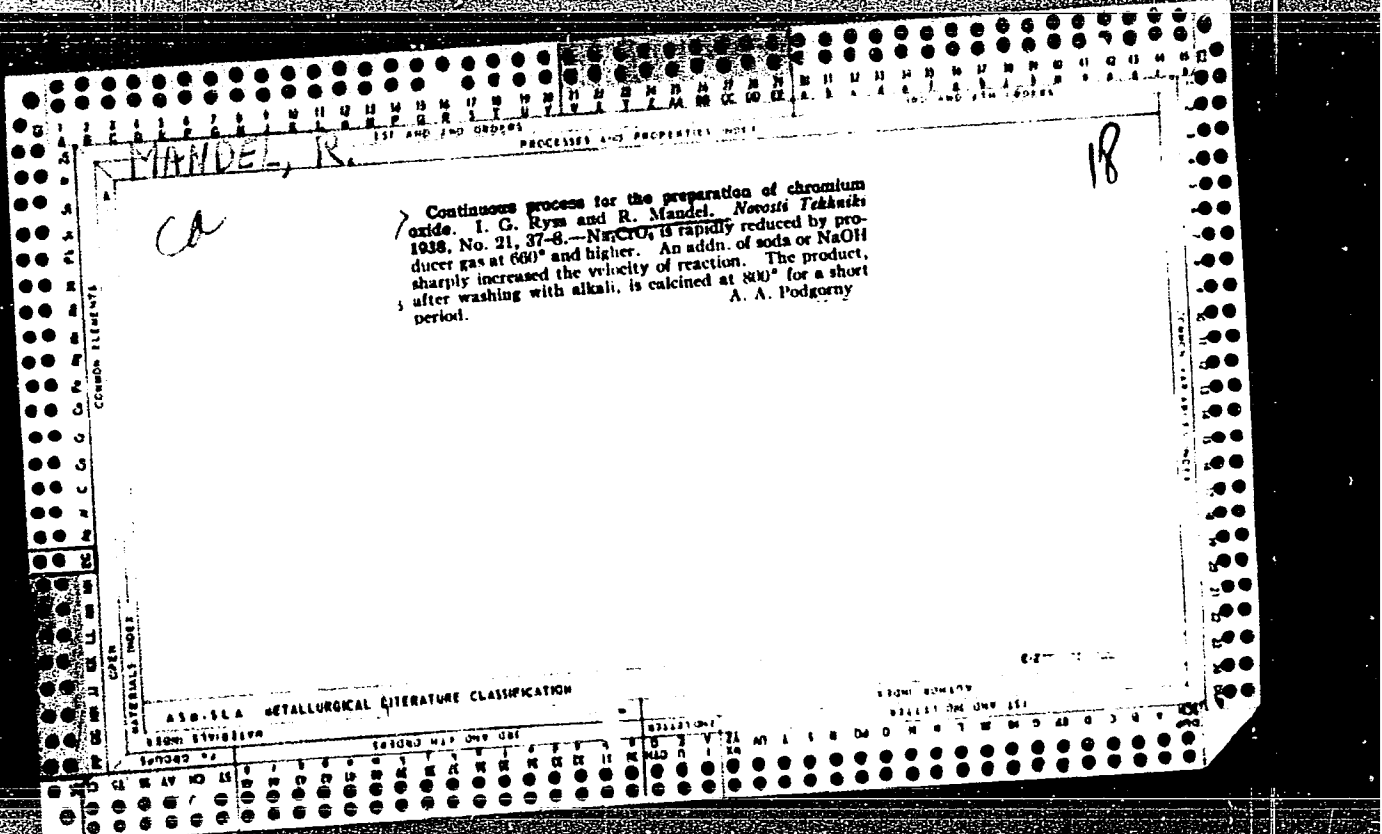
A technological scheme for the complete utilization of the Sivash saline water. R. A. Mandel. *Byull. Inst. Khim. Refral. Zaur.* 2, No. 3, 90 (1930).—Two different technological treatments of the Sivash saline water are proposed consisting of a preliminary concn. (I) and of the diln. of the saline water (II). According to I, the saline water of western Sivash, of 6°Bé., contg. about 0.5% of MgCl₂ is evapd. in reservoirs to 13% MgCl₂ (a ppt. of NaCl is formed). After the sepn. of Br by blowing, the saline water is treated with a CaCl₂ soln. for the sepn. of SO₄²⁻. The gypsum residue is used for the manuf. of alabaster. The MgCl₂ soln. is partly passed into the reservoir for further evapn. and partly treated with slaked lime for the production of different grades of MgO or of MgCO₃. The CaCl₂ soln. (which remains after the pptn. of Mg(OH)₂) is evapd. and the sulfate pptd. from it. The part of the MgCl₂ soln. which was evapd. in the reservoir is used for the production of Sorel cement or of gypsum-Mg cement. In II the saline water of the southern reservoir of Sivash, of 12°Bé., is mixed with water from the Azov Sea in the ratio 1:3.43 to prevent the sepn. of gypsum in the following treatment. The diltd. saline water is decarbonized with milk of lime and after sepn. of the carbonate and of Br, a ppt. of Mg(OH)₂ is obtained.

W. R. Henn

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

6-27-1930

137 AND 138 CODERS



18

ca

Pilot plant for the production of magnesium oxide from (Sivash) brine. R. A. Mandel. *Byull. Inst. Hainzhi* 1939, No. 1, 41-52. Construction of an exptl. plant for the production of MgO by the methods developed at the Inst. is discussed. Cf. Eliseev (C. A. 34, 1824*) and Chas. Blanc Spiro (C. A. 34, 4237*).

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PROCESSES AND PROPERTIES INDEX																			
<p>ca</p> <p style="text-align: right;">18</p> <p>Dehydration of mirabilite. R. A. Mandel. <i>Byull. Inst. Halurgii</i> 1930, No. 6-7, 30-42.—A crit. discussion of Soviet and American methods of production of anhyd. Na_2SO_4 from lake crystals. The method of melting mirabilite with steam and salting out with NaCl is considered as more economical. Cf. Pierce, C. A. 32, 2693. Chas. Blanc</p>																			
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PROCESSING AND PROPERTIES INDEX

1ST AND 2ND COLUMNS 3RD AND 4TH COLUMNS

17

CA

Treatment of the Stivash Lake brines under production conditions. R. A. Mandel. *Trudy Inst. Khimii* 1969, No. 18, 47-68; *Russk. Referat. Zhur.* 4, No. 9, 108(1941). --The treatment of strong and weak solms. of Stivash brines for the production of Br and Mg products is described. A complex system of reservoirs is required for the strong solms. Br is sepd. by blowing and SO₂ by 30% CaCl₂ soln.; then part of the soln. is evapd. to obtain MgCl₂ and the other part is treated with high-grade, un-slaked lime to obtain Mg(OH)₂. The yield, based on MgO, is 90%. The treatment of strong solms. is profitable only if all other components of the Stivash brine are also recovered. Treatment of weak solms. is simpler; it does not require an expensive reservoir system or removal of SO₂ from the brine. However, if large amts. of solms. of the sea-water type are used, a preliminary decarbonization is required. If the Stivash Lake brine, dil'd. with sea water, is treated with milk of lime the pptn. is rapid and the yield of MgO is 98%. A repeated pptn. is required to improve the cryst. structure of Mg(OH)₂.

W. R. Hena

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

6-RT-100-10000

1ST AND 2ND COLUMNS 3RD AND 4TH COLUMNS

MANDEL', R.A.

Present-day processes for treating natural potassium salts. *Zhur.*
prikl.khim. 35 no.1:3-18 Ja '62. (MIRA 15:1)
(Potassium salts)

LERMAN, M.D., MANDEL, R.B.; ZHAVORONKOVA, T.V.; PANFILOV, D.I.

Finishing furniture panels with polyester varnish in forms.
Der. prom. 13 no. 7:26-27 J1 '64.

(LIRA 17:11)

MANDEL', S.

Precious relics. Sov.foto 21 no.4:2 Ap '61. (MIRA 14:3)
(Lenin, Vladimir Il'ich, 1870-1924)

MANDEL', S. I.

Hydraulic tables for calculations of street gutters. Moskva, Centr. starobol'shaia biblioteka pri Postoiannoii stroitel'noi vystavke, 1937. 54 p.

MANDEL', S. I.

Computation of pumping stations and control reservoirs for rain waters
Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1952. 44 p.
(54-18060)

TD485.M3

MANDEL, S.L. (Engr)

USSR/Engineering - Welding, Methods

Jul 51

"Welding Under Flux with the Aid of a Forming Disc," S. L. Mandel'berg, Engr

"Avtomat Svarka" No 4 (19), pp 44-55

Describes new method for welding vertical, inclined and curved, butt and corner joints using copper forming disc without water cooling. Method is especially adaptable for erection of metal structures and factory production of bulky assemblies not convenient for turning. Elimination of water cooling simplifies and lightens equipment.

217129

MANDEL', S.Z.

Provide for tight links between science, life and production.
Trudy LIKI no.11:3-11 '64. (MIRA 18:10)

1. Kafedra marksizma-leninizma Leningradskogo instituta kinoinzhenerov.

S/879/62/000/000/088/088
D234/D308AUTHOR: Mandel', V. S. (Nikolayev)

TITLE: Design and profiling of conical shells of a compressor rotor

SOURCE: Teoriya plastin i obolochek; trudy II Vsesoyuznoy konferentsii, L'vov, 15-21 sentyabrya 1961 g. Kiev, Izd-vo AN USSR, 1962, 570-576

TEXT: The author replaces the elements of a shell by equivalent rings and gives formulas for the dimensions of such rings, e.g.

$$B = \frac{1}{\sqrt{3}} \frac{\delta}{\cos \alpha}, \quad H = \frac{\sqrt{3}}{4\sqrt{3(1-\mu^2)}} \sqrt{rd \cos \alpha}, \quad y = \frac{1}{2\sqrt{3(1-\mu^2)}} \sqrt{rd \cos \alpha} \quad (3)$$

Card 1/2

Design and profiling ...

S/879/62/000/000/088/088
D234/D308

for one equivalent to a shell of revolution. Design formulas and graphs for the peripheral part of a compressor rotor are given and their use is indicated. There are 5 figures.

Card 2/2