

OCEPEK, Drago, dr. inz., docent; CERK, Nevenka

Dressing of Fe-Ni ores from the Mokra Gora and Vardiste area.
Rud met zbor no.1:35-39 '62.

1. Oddelek za montanistiko, Askerceva 20, Ljubljana.

OCEPEK, Drago, dr. inz., docent

The Tenth Technical Jubilee Conference of Mining Engineers
and Technicians of Slovenia. Rud met zbor no.3:251-253
'62.

1. Oddelek za montanistiko Univerze v Ljubljani,
Askerceva 20, Ljubljana, član Uredniškega odbora,
"Rudarsko-metalurški zbornik".

OCEPEK, Drago, dr. inz.

Department of Mining and Metallurgy of the University of
Ljubljana. Rudar glasnik no.4:138-139 '62.

1. Staresina Odjela za montanistiku u Ljubljani.

K. Cazafura; PAVKO, D.; SIRCA, F.; KERSNIC, Viktor, prof. dr. inz.;
KOSAK, K.; GRAFENAUER, S.; PODGORNIK, A.; KERNC, J.; DOBOVISEK,
Bogomir, docent, dr. inz.; OCEPEK, Drago, docent, dr. inz.;
HOMAN, A.; MARCEC, M.; RANKEL, J.; CRNIVEC, M.; SMAJIC, N.;
CUCEK, I.; KERSNIC, V., ml.; VODOPIVEC, F.

New books. Rud met zbor no. 2:144-187 '63.

1. Glavni urednik, "Rudarsko-metalurski zbornik" (for Viktor Kersnic).
2. Clani Uredniškega odbora, "Rudarsko-metalurski zbornik" (for Dobovisek and Osepek).

OCEPEK, Drago, dr. inz., docent; EBERL, Emil, inz., asistent

Influence of the atmosphere in a mill on the output of drilling. Rud met zbor 4:385-393 '63.

1. Oddelek za mountainistiko univerze, Ljubljana, član Uredniškega odbora, "Rudarsko-metalurški zbornik" (for Ocepek). 2. Rudarski institut, Askerceva 20, Ljubljana (for Eberl).

SIRCA, F.; DOBOVISEK, Bogomir, docent, dr. inz.; GRAFENAUER, S.; KOSOVINC, I.;
HAMRLA, B.; VODOPIVEC, F.; KUSCER, D.; KERNC, J.; DROBNE, F.;
PAVOD, D.; CAZAFURA, K.; TURK, St.; OCEPEK, Drago, docent, dr. inz.;
ROSINA, A.; ZUMER, M.; SOVINC, I.

New books. Rud met zbor 4:431-457 '63.

1. Clanovi Uredniskega odbora, "Rudarsko-metalurski zbornik"
(for Dobovisek and Ocepek).

OCEPEK, Drago, dr. inz., docent

Comminution of binary mixtures. Rud met zbor no. 2:157-167
'64.

1. Department of Mining and Metallurgy, Faculty of Natural
Sciences and Technology, University of Ljubljana, Askerceva
20, Ljubljana.

PAULIN, A.; OCEPEK, D.; CAZAFURA, K.; KUSCER, D.; VODOPIVEC, F.; SOVINI, I.;
PAVKO, D.; JURCA, S.; KERSNIC, V.; DRNOVSEK, J.; GRAFENAUER, S.;
KERNIC, J.

New books. Rud met zbor 3:307-334 '64.

OCETEK, Karel

Present production technique and testing methods of metal
ceramic friction materials and their further development.
Zpravy pras metal Sumperk no.4:53-59 '62

1. Vyzkumny ustav pro praskovu metalurgii.

Distr: **4E2c**

Furnaces used in powder metallurgy. Karl Oerick.
Pokroky prdkon met., Slovna, Brno 1953, 126 str., (1953).
1954).—A general discussion, with drawings of modern,
furnaces for powder metallurgy. 10 references.
Werner Jacobson.

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1

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35233

Z/034/62/000/003/004/004
E073/E535

1.1600

AUTHOR: Ocetek, K., Engineer

TITLE: Manufacture of metal filters by powder metallurgy
methods
Patent Application Class 40b, 3/50, PV 921-55 dated
June 25, 1957

PERIODICAL: Hutnické listy, no.3, 1962, 212

TEXT: Usually filters produced by powder metallurgy methods
from fine powders do not have uniform permeability. The
invention enables manufacturing metal filters with good permeability
even from fine powders. This is achieved by preliminary
agglomeration of the powders, followed by crushing or sieving the
agglomerate; after obtaining the desired grain size by this means
usual manufacturing methods are applied.

Card 1/1

X

ZALESKI, Stanislaw; GOBTELINIC, Teresa

Warsawa type prefabricated panel construction. Przegł budowl
i bud mieszk 35 no. 12:663-666 '63.

COFEVSKI, B.

Rhizosphere microflora of the macrophytic vegetation of Lake
Ohrid. Zemljiste biljka 12 no.1/3:267-271 Ja-P 1963.

1. Hydrobiologic Institute, Ohrid.

OCHAB, Mieczyslaw, inz.

Power efficiency improvement of a 6 kv. network in the Boleslaw Mining
and Smelter Work. Rudy i metale 7 no.6:284-287 Je '62.

OCHAB, Stanislaw; BOROWIECKA, Barbara

Colorimetric determination of viomycin. Chem anal 8 no.1:
99-102 '63.

1. Department of Analytical Chemistry, Institute of Drugs,
Warsaw. Head of Department: Doc. Z.Margasinski.

OCHAB, Stanislaw; MALYSZ, Danuta; BOROWIECKA, Barbara

Determination of erythromycin in the presence of tetracycline.
Chem anal 8 no.4:597-600 '63.

1. Department of Analytical Chemistry, Drug Research Institute,
Warsaw. Head of Department: Doc. Z. Margasinski.

DZIEWONSKI, Karol [deceased]; SCHÖEN, Jadwiga; OCHAB, Stanislaw; BOGDANOWICZ, Krystyna

Reaction of α -indanone with derivatives of thiourea; arylamides of 1-arylamino-indene-2-carbothionic acids. Roczniki chemii 37 no.5: 561-568 '63.

1. Department of Organic Chemistry, Jagellonian University, Krakow.

Ochab, 2.

2635

Ochab 2. The Designing of Protective Pillars Underneath Buildings
According to Instructions Drafted by Prof. W. Budryk.
„Wykreślenie filarów ochronnych pod obiektami na powierzchni
wg projektu instrukcji prof. W. Budryka”. Przegląd Górniczy, No. 6,
1953, pp. 209-214, 2 figs, 7 tabs.

622.838.5:699.8

The provisional instructions prepared by Prof. Budryk for design-
ing protective pillars do not adequately protect buildings above mine
workings and should be revised, since the formulae they contain apply
to horizontal seams and could not, without amendment, be useful
for seams with an inclination exceeding 7 degrees. Prof. Budryk's me-
thod does, however, offer certain advantages in that it is simple and
provides ready guidance as to the practicability of working individual
seams within the limits of the protective pillar.

ODIAK, J.

"First-Order Geomagnetic Mapping of Slovakia." p. 24, (MATEMATIKA-FIZIKA :
SOPPL, Vol. 4, No. 2, 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (SOPPL, No. 5, May 1955, Uncl.

OCHABOVA, P.

Geomagnetic activity at Hurbanovo between 1951-1953. p. 39
MATEMATICKO-FYZIKALNY CASOPIS. Vol. 5, No. 1, 1955

SO: Monthly East European Accession (EEAL), LC, Vol. 9, Sept. 1955 Uncl.

OCHAGOV, M.

Improve the theoretical level of political lectures. Prof. -tekh.obr.
11 no.1:27-28 '54. (MLRA 7:6)
(Communist education)

LAVRENOV, N.; OCHAGOV, M.

Important means for educating youth. Prof.-tekhn.obr. 11 no.8:26-28
N '54. (MLBA 8:1)

(Technical education)

OCHAGOVA, S.

Pushkin's domain. Rabotnitsa 35 no.5:16 Ky '57. (MIRA 10:6)
(Pushkin, Aleksandr Sergeevich, 1799-1837)

OCHAKOVA, A.I., inzh.-ekon.

The economic effectiveness of intradistrict automatic telephone
systems. Vest. svyazi 17 no.11:14-16 N '57. (MIRA 10:12)
(Telephone, Automatic)

OCHAKOVSKIY, A.M., (Veterinary Surgeon)

"Certain problems of epizootiology and diagnosis of tuberculosis
of horned cattle."

Veterinariya, Vol 39, no 1, Jan 1962. pp24

QCHAKOVSKIY, G.V.

Construction of semiautomatic block systems at the Northern
Railroad. Avtom., telem. i sviaz' 6 no.9:42-44 S '62.
(MIRA 15:9)

1. Zamestitel' nachal'nika sluzhby signalizatsii i svyazi
Severnoy dorogi.

(Russia, Northern--Railroads--Signaling)
(Railroads--Signaling--Block system)

OCHAKOVSKIY, I. T.

Ochakovskiy, I. T. "The use of existing materials in rehabilitation", by Ilyich Ilyich.
tekhnika, 1971, No. 14, p. 25-27.

SO: 1-2888, 12 Feb. 73, (Letovskiy Ilyich Ilyich, p. 2, 1973).

Ochakovskiy, S.G.

KOSHTOYANTS, Kh. S.; IVANOV, I.; KORZHUYEV, P. A.; MUZHEYEV, V. A.; OCHAKOVSKIY, S. G.

"On the Question of Secretin Specification". Comparative-Physiological Research".
(In German, "Zur Frage der Spezifität des Sekretins. Vergleichendphysiologische
Untersuchung." (K voprosu o spetsifichnosti sekretina. Sravnitel'no-fizio-logicheskoye
issledovaniye).

Zs. f. vergl. Physiol., 1932, Bd. 18, H. 1, S. 112-115.

Also in Fiziol. zh., 1933, t. 16, v. 1, s. 216-218, tabl.

GAYEVOY, Ye.V.; OCHAKOVSKIY, V.S.; TARASOVA G.T.

[Industrial processing of rabbits] Promyshlennaia pererabotka krolikov. Moskva. TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 53 p.
(MIRA 17:12)

OCHAKOVSKIY, V.

Suggestions made by innovators of the poultry industry. Mias.ind.
~~SSSR~~ 27 no.2:55 '56. (MLRA 9:8)

1. Krasnodarskiy ptitsetrest.
(Poultry industry--Equipment and supplies)

OCHAKOVSKIY, V.S.

Use of phosphatides in fattening chickens. Ptitsevodstvo 9
no.8:15-16 Ag '59. (MIRA 12:12)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti.
(Phosphatides) (Poultry--Feeding and feeds)

CHEBANOV, A., inzh.; OCHAKOVSKIY, V., inzh.

Expansion and intensification of the operations of cold storage warehouses in poultry combines. Mias.ind.SSSR 30 no.2:37-38 '59. (MIRA 13:4)

1. Krasnodarskiy sovnarkhoz (for Chebanov). 2. Krasnodarskiy institut pishchevoy promyshlennosti (for Ochakovskiy). (Krasnodar Territory--Poultry houses and equipment) (Cold storage warehouses)

OCHAKOVSKIY, V.; TATASOVA, G.

Laboratory of Meat Technology of the Krasnodarsk Scientific Research
Institute of the Food Industry. Mias.ind. SSSR 33 (1.8.34) 1-1
16-17 '63. (MIA 1-14)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promy-
shlennosti.

(Krasnodarsk—Food research)

OCHAKOVSKIY, V.; TARASOVA, G.

Simplified processing of poultry on a conveyor. Mias ind SSSR
34 no. 6:38 '63. (MIRA 17:5)

1. Krasnodarskiy nauchno-issledovatel'skiy institut ptitse-
pererabatyvayushchey promyshlennosti.

ACC NR: AT7003861 (A) SOURCE CODE: UR/3241/65/002/000/0123/0131

AUTHOR: Gayevoy, Ye. V. ; Ochakovskiy, V. S. ; Tarasova, G. T. ; Izmesh'yeva, P. Ya.

ORG: none

TITLE: The Meat Industry continuous flow line for acid-salt preservation of rabbit pelts by dry brine

SOURCE: Krasnodar. Nauchno-issledovatel'skiy institut pishchevoy promyshlennosti. Trudy, v. 2, 1965, 123-131

TOPIC TAGS: processed animal product, food technology, food product machinery

ABSTRACT: Together with specialists of the food industry, the authors have developed a method for processing rabbit pelts with acid-salts on a production flow line. An acid and salt compound is used which permits a dry treatment of the pelts. The composition and application of the compound are described in detail. Illustrations in the original article show a DMK-1 centrifugal hammer-type crusher—

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ACC NR: AT7003861

used for mixing the compound, and also other units of machinery of the production flow line. The authors conclude that this mechanized pelt preservation method should be widely used in all rabbit processing enterprises as it will improve the quality of the pelts, raise the production volume and improve the working conditions of those presently engaged in manual processing of rabbit pelts. The authors estimate that the introduction of the new production line in Kuban plants alone will save about 45000 rouble per year. Orig. art. has: 5 figures. [GC]

SUB CODE: 06, 13/SUBM DATE: none/ORIG REF: 011/

Card 2/2

OCHAPOVSKIY, V.S.

Picture of yellow-headed wagtail over the Caucasus. Ornithologia
no. 71/83 '65. (MIRA 18:10)

СШАКОВСКИЙ, Ю. ВЕ.,

Water

Hydrological research for purposes of planning shelterbelts. Vop. geog. 20, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1957, Uncl.
2

S/194/61/000/008/021/092
D201/D304

AUTHOR: Ochakovskiy, Yu.Ye.

TITLE: Applying photo-resistors for measuring sea water transparency

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 17, abstract 8 V146 (Tr. In-ta okeanol. AN SSSR, 1960, 39, 43-46)

TEXT: From all the Russian-made photoresistors - only resistors of type Φ C - K1 (FS-K1) have been thoroughly tested, the rest not satisfying the specific requirements of measurements. Tests on stability, as a function light response, spectral sensitivity, temperature and time, have shown that FS-K1 may be used in a towed transparency meter provided the following conditions are met: The photoresistor is hermetically sealed, the supply voltage is 12 : 24 V, the illumination $\sim$ 100 lux and a filter is used for spectrum response correction. The reading recording is by means of $\checkmark$

Card 1/2

Applying photo-resistors...

S/194/61/000/008/021/092
D201/D304

potentiometers type ЭПН-09 (EPP-09) or ПС-1 (PS-1). The dark current of the photo-resistor is taken into account by means of initial calibration, which is simpler than compensation. 2 figures.
[Abstracter's note: Complete translation]

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Card 2/2

OCHAKOVSKIY, Yu.Ye.

Fourth Mediterranean expedition on the research ship "Akademik
S. Vavilov." Okeanologiya 3 no.3:550-554 '63. (MIRA 16:8)

(Mediterranean Sea—Oceanographic research)

S/123/61/000/018/014/015
A004/A101

AUTHOR: Ochakovskiy, Yu. Ye.

TITLE: Model ФПМ-57 (FPM-57) photoelectric photometer and transparency meter with recorder

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 18, 1961, 19-20, abstract 18Zh173 ("Tr. In-ta okeanol. AN SSSR", 1960, v. 39, 39-42)

TEXT: The author describes the FPM-57 photoelectric photometer with anti-mony-cesium photocells, which is intended for measurements of the light transmission factor of sea water in white light and in five sections of the visible part of the spectrum during vertical probing of a water layer up to 150 m deep. The transmission factor in depths exceeding 150 m was determined by measuring water samples 500 ml in volume in special irradiation cells. The device has 3 separate units: submersible pickup, recorder and power supply device. The pickup and recorder are connected by a КРП (KRP) 6 x 1.5 cable. The optical circuit of the pickup consists of the CU-61 (STs-61) incandescent lamp of 8 v, 20 w, slitted disk, capacitor and lens system making the light beam parallel. This light beam is directed through a water layer between protective glasses and,

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S/123/61/000/018/014/015
A004/A101

Model ФПМ-57 (ФРМ-57) photoelectric ...

passing the lens system, is partially collected and is incident onto the measuring photocell. When measurements are carried out in one of the visible spectrum sections, the flux is interrupted by a corresponding light filter. A part of the modulated flux from the same light source, reflected by a mirror, is incident onto the reference photocell which is covered by heat-protected glass. Diaphragms are placed on the path of the light flux. In addition to the optical system the submersible pickup houses an electric motor, rotating modulator disk, power transformer, two cathode followers and a step-by-step selector on whose axis a disk with light filters is fixed. The recording system of the device is placed in a hermetically sealed housing which contains: ЗПП-09 (ЕРР-09) potentiometer, amplifier-converter, separating transformer and control unit with light filter changeover. The feeding installation includes a ferro-resonance stabilizer and a step-down transformer. The device is fed from 220 v, 50 cps a-c network. The device operates on the servo-system principle. The potentiometer scale is calculated in such a way that the zero position corresponds to a transmission factor equal to zero, while scale reading 100 corresponds to a transmission factor $T = 100\%$. The summary transmission factors of the light filters are taken into account during the producer plant graduation of the potentiometer scale and are automatically considered when measurements are

Card 2/3

Model ФТМ-57 (ФРМ-57) photoelectric ...

3/123/61/000/018/014/015
A004/A101

carried out in any of the five sections of the visible part of the spectrum. The device assembly includes a neutral filter with a known transmission factor, intended for the checking of the reading accuracy of the device. The readings should not differ by more than ± 1 . The author points out some deficiencies of the device. There are 3 figures.

R. Skulkova

[Abstracter's note: Complete translation]

Card 3/3

I 04845-67 EWT(1) GW

ACC NR: AP7000250

SOURCE CODE: UR/0213/66/006/003/0535/0542

AUTHOR: Koblents-Mishke, O. I.; Ochakovskiy, Yu. Ye.

ORG: Institute of Oceanology, AN SSSR (Institut okeanologii AN SSSR)

TITLE: Light measurements in study of primary production in the sea

SOURCE: Okeanologiya, v. 6, no. 3, 1966, 535-542

TOPIC TAGS: photosynthesis, thermocouple, light radiation, oceanography

ABSTRACT: The standardization of photosynthetic radiation measurements in the sea is the main problem to be solved by the SCOR-UNESCO Working Group No. 15. This standardization requires that the results obtained should be expressed in energy units. This standardization can be achieved in two ways: (1) by direct measurements of energy using thermopile detectors such as hydropyranometers, perhellometers, etc.; (2) by applying the results obtained by the use of photoelectric detectors (different types of hydrophotometers) for energy computations. The low sensitivity of the thermocouples and the great range of spectral sensitivity are the main defects of the first method, whereas the difficulties of converting light units to energy units decreases the advantages of the second method. The use of a standard coefficient for the latter purpose (as is proposed by some authors) does not yield adequate results, which becomes evident from a comparison of the coefficients obtained at different depths and in different types of water. A more precise way is to use Yerlov's optical classification, but this requires some improvements. Use of Yerlov's tables makes

UDC: 578.087.24

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it necessary to standardize light measurements in the spectral sensitivity of the detectors. Working Group No. 15 has recommended a further improvement in the methods of both direct measurements of energy and its calculation using data on illumination. Orig. art. has: 1 figure, 3 formulas and 2 tables.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001237720020-7

SUB CODE: 08,06 / SUBM DATE: 14 Sep 65 / ORIG REF: 004 / OTH REF: 011

Card 2/2

OCHAKOVSKIY, Z.M., veterinarnyy vrach.

Some problems in the epizootology and diagnosis of tuberculosis
in cattle. Veterinariia 39 no.1:24-26 Ja '62. (MIRA 15:2)
(Tuberculosis in animals)

STURMAN, A.V., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); BULGAKOV, Yu.N., veter. fel'dsher (Strashenskiy rayon, Moldavskaya SSR); KAL'NITSKIY, P.I., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); OCHAKOVSKIY, Z.M., veter. vrach (Strashenskiy rayon, Moldavskaya SSR); GOTSENOGA, A.D. (Strashenskiy rayon, Moldavskoy SSR); ABRAM-YAN, G.I., veter. vrach; MEKHTIYEV, M.G., veter. fel'dsher (s. Shi-rozlu, Vedinskogo rayona Armyanskoy SSR); KIRAKOSYAN, A.A., veter. vrach; GEORGIYEV, Yu.P., veter. vrach; LOMAKIN, A.M., nauchnyy so-trudnik; SHEPELEV, L.A., veter. vrach.; TARASOV, I.I., assistant; ROMASHKIN, V.M., veter. tekhnik; ANDRIYAN, Ye.A.; BARTENEV, V.S.; KOROL', Ye.I., veter. tekhnik; YEROSHENKO, A.K., aspirant; BANZEN, Ya.P.; SARAYKIN, I.M., prof.; ZHEVAGIN, A.N., veter. vrach; BUT'-YANOV, D.D., veter. vrach (Klimovichskiy rayon, Mogilevskoy oblas-ti BSSR); SHALYGIN, B.V., veter. vrach (Klimovichskiy rayon, Mogi-levskoy oblasti, BSSR); RYABOKON, G.T., veter. fel'dsher; KOVSUM-ZADE, K.K., prof.; DUGIN, G.L., aspirant; TITOV, G.I., nauchnyy sotrudnik; MEDVEDEV, I.G., veter. vrach.; ALIKAYEV, V.A.; ALLENOV, O.A., veter. vrach.

Prophylaxis and treatment of noninfectious diseases in calves and piglets. Veterinariia 40 no.2:40-47 F '63. (MIRA 17:2)

1. Ul'yanovskaya oblastnaya veterinarno-bakteriologicheskaya labo-ratoriya (for Sturman). 2. Kolkhoz imeni Kirova. Volokonovskogo
(Continued on next card)

FAYTEL'BERG, R.O.; OCHAN, S.I.; PORTNOYI, L.

Function of salivary glands in stimulation of pleural receptors. Medych.zhnr.
22 no.4:84-90 '52. (MIRA 6:10)

1. Odes'kyy sil's'kohospodars'kyy instytut. (Pleura) (Salivary glands)

FD-2503

USSR/Biology - Physiology

OCHAN, S. I.

Card 1/1

Pub 17-2/20

Author : Ochan, S. I.

Title : Bilifunction in artificial pneumothorax

Periodical : Byul. eksp. niol. i med. 4, 7-10, Apr 1955

Abstract : Investigated changes in the bile eliminating function of the liver under the influence of an increase in pressure in the pleural cavity by means of introducing air into the pleural cavity of dogs. Tables. Twelve references, all USSR (11 since 1940)

Institution : Chair of Physiology (Head - Prof R. O. Faytel berg) of the Odessa Agricultural Institute

Submitted : June 26, 1954 by V. N. Chernigovskiy, Member of the Academy of Medical Sciences USSR

FAYTEL'BERG, R.O.; OCHAN, S.I.; GAL'KHOVAYA, Ye.I. [Hol'khova, IE.I.]

Absorption of glucose and chlorides in the small intestine of sheep following administration of bromine and caffeine. Fiziol. zhur. [Ukr.] 6 no. 5:612-621 S-O '60. (MIRA 13:10)

1. Kafedra fiziologii Odesskogo sel'skokhozyaystvennogo instituta.
(ABSORPTION (PHYSIOLOGY)) (BROMINE) (CAFFEINE)

OCHAN, S.I.; IGNATOVA, N.I.; SHUKHGALTER, M.V.

Comparative data on the excretion of 17-ketosteroids in women with a presenile psychosis and a climacteric syndrome. Vrach. delo no.9:76-80 S⁶³. (MIRA 16:10)

1. Odesskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut.

(STEROIDS) (SENILE PSYCHOSIS) (CLIMACTERIC)

BESSONOV, L.A., doktor tekhn nauk, prof.; DEMIDOVA, I.G.; KOTOVA,
L.F.; LINNICHENKO, N.N.; OCHAN, V.V.; SEREDNITSKIY, L.M.;
VOSTRCKNUTOV, N.G., retsenzent; OLEKSEYEVICH, V.P.,
retsenzent; FILARETOVA, A.S., retsenzent; ZARUDI, M.Ye.,
retsenzent; ZAIKA, Ye.V., st. prepod, retsenzent

[Textbook on the theoretical principles of electrical
engineering] Zadachnik po teoreticheskim osnovam elektro-
tekhniki. [By] L.A.Bessonov i dr. Moskva, Vses. zaachnyi
energ. in-t, 1963. 212 p. (MIRA 16:10)
(Electric engineering)

OCHAN, YU S.

Ob ekvivalentnosti semeystv v-mnozhestv. DAN, 23 (1939), 753-755.
Obobshchennaya a-operatsiya. DAN, 33 (1941), 3-3-396.
O peremestimosti δ s-operatsiy. Matem, 3B, 10 (52), (1942), 151-164.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.
Markushevich, A. I.
Rashevskiy, N. K.
Moscow-Leningrad, 1948

OCHAN, Yu. S.

"Space of Subsets of a Topological Space," Dokl. AN SSSR, 32, No.2, 1941

Inst. Energetics im. Molotov, Moscow

OCHAN, YU. S.

Ochan, Yu. S. The equivalence of families of B -sets.
Uspehi Matem. Nauk (N.S.) 5, no. 6(40), 139-142 (1950).
(Russian)

Two families $\{E_\alpha\}$ and $\{E_\beta\}$ of subsets of a set R are said to be equivalent if there exists a one-to-one mapping of R into R such that the first family is mapped exactly onto the second family. Szpilrajn [Fund. Math. 26, 302-326 (1936)] has proved the following result: Every countable family of B -sets in the space of irrational numbers is equivalent to a countable family of open-and-closed sets of this space, if a certain countable set of points is removed. Extensions of and limitations on this result for uncountable families of sets are discussed in the present paper. Let R be a complete metric space with a countable basis. A family $\mathfrak{R}$ of subsets of R is said to be an N -family if (1) every open subset of R can be obtained from sets in $\mathfrak{R}$ by iterations of the formation of countable unions and countable intersections, (2) every perfect compact subset of R is contained in some set of the family $\mathfrak{R}$. The basic theorem proved is: An N -family of subsets of R , every element of which possesses a certain topologically invariant property A , is not equivalent to any family $\mathfrak{M}$ of subsets of R which consists entirely of B -sets which do not possess the property A . As corollaries of this result, one obtains: The family of perfect compact sets in R is equivalent to no family of B -sets none of which is perfect and compact; for $\mathbb{R} \cong \mathbb{Z}$, the family of all G_δ sets (F_σ sets) is not equivalent to any family of sets which consists entirely of B -sets (G_δ sets). Finally, it is shown that the families of B -sets, A -sets, and CA -sets all have the property that they are equivalent to no proper subfamilies of themselves.

E. Hewitt (Uppsala).

Source: Mathematical Reviews,

Vol 12 No. 8

OCHAN, Yu. S.

"Generalized Integral," Matemat. sbor., 28 (70), No.2, pp. 293-336, 1951

Object herein is to indtroduce and study new functional (generalized integral) which permits one to evaluate the order of growth of very wide class of nonsym functions. Discusses various kinds of integration: Riemann, Lebesgue, Stiltjes, Hellinger, measure theory, etc. Submitted 9 Apr 49.

179T65

ОЧАН, Ю. С.

Maths ✓ Очан, Ю. С. The theory of operations over sets. Uspehi
Mat. Nauk (N.S.) 10 (1955), no. 3(65), 71-128. (Rus-
sian)

This is an exposition of the general theory of operations over sequences and families of abstract sets. The first three chapters contain the basic definitions and results, which are applied in the last chapter to δ s-operations over sets lying in metric spaces. The article may thus be regarded as an extension of the series of articles by Ščegol'kov [Uspehi Mat. Nauk (N.S.) 5 (1950), no. 5(39), 14-44; MR 12, 597], Arsenin and Lyapunov [ibid. 5 (1950), no. 5(39), 45-108; MR 12, 597], and Lyapunov [ibid. 5 (1950), no. 5(39), 109-119; MR 12, 597] on the descriptive theory of sets.
F. Bagemihl.

RG

OCHAN, Yu.S.

Representing functions of limited variation by means of a
generalized integral. Uch.zap.MOPI 138:11-45 '58.

(MIRA 13:5)

(Functions) (Integrals)

O c H-A-N, 1/4. 5. =

16(1)

PHASE I BOOK EXPLOITATION

SOV/3660

Vsesoyuznyy matematicheskiy s'yezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye sozhraniye sotsialnykh dokladov. Doklady inostrannykh uchennykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow. 4: Summary of Sectional Reports. Reports of foreign scientists) Moscow, Izd-vo AN SSSR, 1959. 287 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy institut.

Tech. Ed.: G.M. Shevchanko; Editorial Board: A.A. Abramov, V.D. Boltyanskiy, A.M. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.M. Nikol'skiy (Resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, L.A. Rybnikov, P. L. Ul'yenov, V.A. Uspenskiy, M.G. Chetaev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the editor's title did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was printed in a previous volume, reference is made to that volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Mozherov, M.I. (Moscow). Boundary properties of harmonic functions in three-dimensional space	49
Osaka, Yu. A. (Moscow). Representation of functions of bounded variation by means of a generalized integral	50
Penluruk, I.M. (Moscow). On certain generalizations of Laguerre polynomials which have significance for problems of a one-dimensional wave propagation	52
Section on Functional Analysis	
Berezanskii, Yu. M. (Kiyev). On the inverse problem of spectral analysis for the Schrödinger equation	53
Zukhovitskiy, S.I. (Kiyev). On the approximation of abstract functions by operator-functions in Hilbert space	53

Card 11/34

OCHAN, Yuriy Semenovichi; SHNEYDER, Vladimir Yevgen'yevich; IGNAT'YEVA,
A.V., red.; SMIRNOVA, M.I., tekhn.red.

[Mathematical analysis; textbook for teachers' institutes] Matema-
ticheskiy analiz; uchebnoe posobie dlia pedagogicheskikh institutov.
Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1961. 879 p.
(MIRA 14:6)

(Mathematical analysis)

OCHAN, Yu.S.

Space of functions with discontinuities of the first kind and the
extended Stieltjes integral. Uch. zap. MGPI no.188:139-161
'62. (MIRA 16:9)

(Functions, Discontinuous) (Integrals, Generalized)

OCHAN, Yuri · Semenovich; TAL'SKIY, D.A., red.

[Methods in mathematical physics] Metody matematicheskoi
fiziki. Moskva, Vysshaya shkola, 1965. 383 p.
(MIRA 18:6)

OCHAPOVSKAYA, N. V.

"New Methods for Treating Eye Burns and Keratitis." Sub 27 Oct 46,
Moscow Medical Inst. Ministry of Health RSFSR

DR. MED. SCI
Dissertation presented for degrees in science and engineering in
Moscow in 1947

SO: Sum No. 452, 18 Apr. 55

S/190,00/002/003/016/017
B004/B054

AUTHORS: Kargin, V. A., Bakeyev, N. F., Li Li-shen, Ochapovskaya, T. S.

TITLE: Electron-microscopic Investigation of the Crystalline Structures of Polystyrene and Polypropylene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 8, pp. 1280-1282

TEXT: This paper is a preliminary report on the production and electron-microscopic investigation of monocrystals of isotactic polystyrene and polypropylene. It was found as a condition for the formation of monocrystals that crystallization takes place above the vitrification temperature. Therefore, 0.01 - 0.05% solutions of the polymers were heated to boiling in xylene, and cooled in a Dewar-vessel system for 2-3 weeks. In the case of polypropylene, trichloro ethylene heated to 87°C was also used as a solvent. As a second variant, the polystyrene solution heated to 110°C was applied to a hot collodion base, and crystallization took place by evaporation of the solvent. Monocrystals with a size of up to 100 μ were observed in the

Card 1/2

Electron-microscopic Investigation of the S/190/60/002/008/016/011
Crystalline Structures of Polystyrene and Poly- B004/B054
propylene

electron microscope. The polystyrene crystals showed a fibrous structure. The fibers were directed perpendicular to the longer diagonal of the rhomb, the c-axis was perpendicular to the base surface. Crystals of a laminated structure were formed in the case of polypropylene crystallized from xylene, rhombic crystals, however, from trichloro ethylene. A preliminary electron diffraction study showed that the molecular chain in these crystals had a similar folded conformation as had been found in other polymers.

[Abstracter's note: The text refers to 8 figures, but two only are given]. ✓
There are 2 figures and 8 references: 2 Soviet, 2 US, 2 British, 1 German, —
and 1 Italian.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet
(Moscow State University)

SUBMITTED: May 4, 1960

Card 2/2

OCHAPOVSKIY, B.L. [deceased]

Organization of specialized tsunami warning stations in the Far
East. Biul. Sov. po seism. no.9:5-6 '61. (MIRA 14:4)
(Soviet Far East—Tidal waves)

RONKINA, Z.Z.; BASOV, V.A.; YUDOVNYI, Ye.G.; OCHAPOVSKIY, L.B.

Results of specific research in the Bol'shoy Begichev Island
and Khara-Tumus Peninsula in 1959. Inform. biul. NIIGA no.17:
45-52 '59. (MIRA 13:11)

(Bol'shoy Begichev Island--Geology, Stratigraphic)
(Khara-Tumus Peninsula--Geology, Stratigraphic)

OCHAPOVSKIY, V.S.

Observations on the nesting habits of some passerine species
of Transcaucasis. Zoo. zhur. 40 no. 2:292-293 F '61.

(MIRA 14:2)

1. Southern Ornithological Station (Primorsko-Akhtarsk)
(Nakhichevan A.S.S.R.—Passeriformes)
(Birds—Eggs and nests)

OCHAPOVSKIY, V.S.

Sandpipers of the eastern coasts of the Sea of Azov. Ornithologia no.4:
276-287 '62. (MIRA 16:4)

(Azov Sea region—sandpipers)

RUBEZHANSKIY, A.F.; OCHAPOVSKIY, V.S.

Possibility of establishing the time of death by determining
insects and their remains on a skeletized corpse. Sud. med.
eksper. 7 no.1:50-52 Ja-Mr'64 (MIRA 17:4)

1. Kafedra sudebnoy meditsiny (zav. - dotsent V.L.Svyatoshchik)
Kubanskogo meditsinskogo instituta i kafedra zoologii (zav. -
prof. A.S. Kosmacheskiy) krasnodarskogo pedagogicheskogo insti-
tuta.

RUBEZHANSKIY, A.F.; OCHAPOVSKIY, V.S.

Significance of fly puparia as expert evidence in the examination
of exhumated bone remnants. Sud.-med.ekspert. no.4:37-39 Q-D '65.
(MIRA 18:12)

1. Kafedra sudebnoy meditsiny (zav. - dotsent V.L.Svyatoshechik)
Kubanskogo meditsinskogo instituta i kafedra zoologii (zav. -
prof. A.S.Kosmachevskiy) Krasnodarskogo pedagogicheskogo instituta.
Submitted January 4, 1965.

24 (4)

AUTHORS:

Aronova, P. N., Geguzin, Ya. Ye.
Ocharenko, M. N.

SOV/32-25-5-37/56

TITLE:

On X-ray Photography at Low Temperatures (O rentgenografi-
rovanii pri nizkikh temperaturakh)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 5, p 618 (USSR)

ABSTRACT:

In the present investigation the standard X-ray camera RKD (Fig) was used for taking radiograms at temperatures of liquid nitrogen or oxygen. The adjusting arrangement and the microscope stage were exchanged for a plexiglass cylinder (fastened with the adhesive BF-2). A Dewar vessel is then put into the cylinder, and the liquid nitrogen is filled into the vessel. In contrast with another type of construction (Ref 1) the sample is in the present case in direct contact with liquid nitrogen; this method permits also the investigation of materials of very low heat conductivity. The camera modified in such a way is successfully used for the purpose of investigating crystal lattice deformations in rock salt and metal powders.

Card 1/2

On X-ray Photography at Low Temperatures

SOV/32-25-5-37/56

There are 1 figure and 1 Soviet reference.

ASSOCIATION: Khar'kovskiy gosudarstvennyy pedagogicheskiy institut i
Khar'kovskiy gosudarstvennyy universitet (Khar'kov State
Pedagogical Institute and Khar'kov State University)

Card 2/2

OCHARSKA, JANINA

CYWINSKA, Danuta; OCHARSKA, Janina; WIECZORKIEWICZ, Bronislaw

Treatment of scalds in children with discussion on treatment
by the open method. Polski tygod. lek. 12 no.10:348-351
4 Mar 57.

1. (Z Oddzialu Chirurgii Dzieciecej Szpitala Miejskiego w
Gliwicach; ordynator: dr. med. Zbigniew Tabenski). Adres:
Gliwice, ul. Kosciuszki 29, Szpital Miejski, Oddz. Chir.
Dziec.

(BURNS, in inf. & child
scalds, ther., open method (Pol))

AUTHOR : [REDACTED]
 CATEGORY : [REDACTED]
 RES. JOUR. : ZEKHIM., No. 15, 1959, No. 58099
 [REDACTED]
 [REDACTED] : [REDACTED] in the Separation
 of Substances in Medicinal Preparations
 ORIG. PUB. : Chem Analit., 2, No 4, 366-374 (1958)
 ABST : [REDACTED] developed new method for the
 separation of substances in medicinal prepara-
 tions. The method is based on the use of mixtures of n-butanol
 + 10% aq. HCl (1:0.5) and n-butanol + water (100
 : 10) as solvents. The compositions of the prep-
 arations investigated are listed. The method
 (also developed) makes it possible to detect im-
 purities in medicinal preparations, e.g., the
 presence of sulfathiazole in chloramphenicol prepara-
 tions.
 From authors' summary
 * Pappas, G.

OCHEANA, Gh., ing.

Efficiency of mechanization. Constr Buc 16 no. 764:2 29
Ag '64.

Ocheana, Gh., ing.

Technological progress, a way for increasing the productivity.
Constr Buc 14, no. 673: 1, 2 1 December 1962.

CONCERN: TE 100-108.

Source of equipment from the station de Vade-Retard station.
Mars electrification of road 100-108.

1. Director, 100-108, de Vade-Retard station.

OCHEDUSZKO, K.

"Some Information About Gears." p. 298 (HORYZONTY TECHNIKI, Vol. 6, No. 7, July 1953)
Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No.10,
October 1953. Unclassified.

POWERSZKO, Kazimierz. 1944.

Method of ...
machine one single tooth space. Mechanically ...
269 My'64.

OCHEBUSZKO, Stanislaw; GORNIAK, Henryk

Influence of the international convention on measuring units
on the numerical values of physicochemical magnitudes. Koks
9 no.4:105-110 J1-Ag '64.

1. Silesian Technical University, Gliwice.

*Chemistry + Chemical
Technology*

P.T.A

670.53

554

Oczyszczanie z dymu i zapachów. Energetyka. No. 1--2, 1950, pp. 42--43.

„Dym i jego zwalczanie”. The origin and composition of smoke. Smoke absorbs light and pollutes the atmosphere. The noxious effect of smoke on the human organism has not yet been solved, though it has been established that certain components of smoke, such as sulphur dioxide (SO_2), have a detrimental effect on plants and particularly on coniferous trees. Combustion products also have an adverse effect on building materials, accelerating decay. The loss of energy in smoke, due to the incomplete combustion of components amounts to up to 5% of the heating value of the fuel. Smoke abatement methods. Elimination of particles of soot from smoke by means of proper combustion and correct selection of fuel to suit any particular type of grate. General suggestions for combating the smoke nuisance.

5

PTA

1442
Ochędzisko S. Zwirski I. Calorimetric Testing of Natural Gas.
„Badanie kalorymetryczne gazu ziemnego”. Nafta. No. 5, 1951. pp.
133—137. No. 6, 1951. pp. 163—168. No. 7—8, 1951. pp. 185—190. 11
figs., 2 tabs.

536.6 : 637 G²

over

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CA

A calorimetric study of natural gas. *Manuscript* (Chc.
dusko and Ignacy Żwirski. *Najle* (Poland) 7, 133 7, 1951
8, 185-86 (1951)).—The heating value of natural gas high in
C₁₄ can be accurately detd. with the Junkers' calorimeter.
No unburnt constituents are found in the combustion gases.
The exptl. values are slightly higher than those calcd. from
the elementary analysis. Bruno C. Metzner

OCHEDUSZKO, STANISLAW.

Ocheduszek, Stanislaw, ed. Zarys miernictwa w dziedzinie techniki cieplnej. Wyd. 2.
Praca zbiorowa pracowników Katedry pomiarow maszyn cieplych, pod red. Ocheduszeki
Stanislawa. Gliwice, Nakl. Panstwowego Wydawn. Naukowego, 1952. 64 p. illus.
[Outline survey in the sphere of heat technics. digrs]

SO: MONTHLY LIST OF EAST EUROPEAN ADMISSIONS, LC, VOL. 3 no. 4, APRIL 1954.

OCHEDEUSZKO, Stanislaw

OCHEDEUSZKO, Stanislaw, Szargut, J.: Podstawy termodynamiki technicznej i spalania (Fundamentals of Technical Thermodynamics and Combustion), Warszawa: Państwowe Wydawnictwo Naukowe, 1973. 160 p.

SO: Technologia Ropy, Warszawa: PNR, 1955.

OCHEDUSZKO, S.

Ochedusko S. The Theory of Heat Engines. Tables.
"Teoria maszyn cieplnych. Tablice". Warszawa, 1953. PWT, 16,
147 pp., tabs.

A set of supplementary tables appropriate to Part I of the "Theory of heat engines" and containing values relating to heat engineering. Consideration has been given in these tables to the latest scientific achievements. The tables are an essential supplement to the other two parts of the work.

[Handwritten signature]

OCHĘDUSZKO, S.

* Ochędusko S. The Theory of Heat Engines, Part I.

"Teoria maszyn cieplnych". Cz. I. Warszawa, 1883, PWT 180, 372 pp., 232 figs., 42 tabs.

The complete work will be published in three parts which will cover all problems of heat engine theory. Part I contains the problems comprised in the 1st, 2nd and 3rd laws of thermodynamics, typical thermodynamic transformations, the conception of entropy for solid and liquids, perfect, semi-perfect and permanent gases, and steam and gas mixtures. This part also contains problems connected with the flow of elastic fluids, tables covering the thermal properties of gases, absolute entropy of gases and steam tables.

BB. *[Signature]*

OCHEDUSZKO, S.

2505

536.8 : 621.1 : 621.4

Ochęduszek S. Theory of Heat Engines. Part 2.

"Teoria maszyn cieplnych". Cz. 2. Warszawa, 1933, PWT, 164, 378

pp., 257 figs., 58 tabs.

This is the second part of the book entitled "Theory of Heat Engines". This part deals with the thermodynamic fundamentals of operation of heat engines, including reciprocating compressors of steam engines, steam turbines, coolers, and combustion processes in boilers and gas producers. The book also deals with the release in fuels of chemical energy in the process of direct conversion of such energy into mechanical work in internal combustion engines and gas turbines.

4/1/54
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662,611

Ochędusko S., Szargut J. Methods for the Determination of Incomplete Combustion Ratio.

„Metody wyznaczania stosunku niecałkowitego spalania”. Gospodarka Ciepła-Energetyka Przemysłowa. No. 6, 1953, pp. 18—22, 4 figs.

There exist two methods of determining incomplete combustion of coal — the direct method which, subject to the expenditure of considerable time, gives accurate results, and the intermediate method which, although it takes less time, is inaccurate. The authors describe a new, direct method, which they have developed, and which is, from the technical point of view, sufficiently accurate. This method consists in determining the ratio of incomplete combustion of carbon by measuring the coefficient of moisture of the combustion products. The following methods are suggested for determining this latter value: — absorption, acetylene, psychrometric, and dew-point measurement.

OCHEDESZKO, Stanislaw

OCHEDESZKO, Stanislaw (ed.): Skrytka miernictwa w dziedzine techniki cieplnej
(Outline of Measurement in the Field of Thermal Technology), Warsaw:
Panstwowe Wydawnictwo Naukowe, 1954. Collective work.

SO: Technologia Kowy, Warsaw: PWN, 1955.

OCHEDESZKO, Stanislaw

OCHEDESZKO, Stanislaw (Ed.): Zbiór zadań w termodynamice
(A Collection of Problems in Thermodynamics), Warsaw: Państwowe
Wydawnictwo Naukowe, Part I - 1954; Part II - 1954; Part III -
1955. A collective work.
SO: Technologia Ropy, Warsaw: Państwowe Wydawnictwo Naukowe, 1954.

OCHĘDUSZKO, S.

"Teoria maszyn cieplnych" (Theory of thermal machines. Part 3), by S. Ochęduszek. Reported in New Books (Nowe Książki), No. 14, July 15, 1955

OCHEDEUSZKO, S.

The thermodynamic meaning of the so-called thermal depression in mining aerology. P 81

ARCHIWUM BUDOWY MASZYN. (Polska Akademia Nauk. Komitet Budowy Maszyn)
Warszawa / Vol. 6, no. 1, 1959
POLAND

Monthly List of East European Accessions (EEAI) LC. Vol. 3, no. 7, July 1959

Uncl.

CCP. : 1000
 CATEGORY : Chemical Technology. Chemical Processes and Basic
 Applications--Chemical Engineering.
 ABS. JOUR. : RZhKhim., No. 1, 1960, No. 1000
 AUTHOR : Gerasimov, V. and Polukhina, J.
 TITLE : On the problem of the flow of gases
 ORIG. PUB. : Zhurnal Prikladnoi Mekhaniki, No. 10, 1960 (1000)
 ABSTRACT : Using the first law of thermodynamics and the continuity equation, the authors have derived an equation which corresponds to the Fanno (Fanno) curve. On the basis of the equation derived, the work is done for the overcoming of friction and the change in kinetic energy are discussed in the 1-2 and 1-3 coordinates.
 Y. Sokol'skiy

CARD: 1/1

OCHEDUSZKO, Stanislaw, prof. dr inz.; SIKORA, Jerzy, st. asyst. mgr inz.

Defending the Second Law of Thermodynamics: dogmatists versus
heretics. Energetyka przem 10 no.12:419-421 D '62.

OCHEDUSZKO, Stanislaw, prof. dr inz.; MAJERSKI, Boleslaw, mgr inz.

Application of steam ejectors in industry. Pt. 1. Gosp paliw
11 no.5:164-168 My '63.

OCHEDUSZKO, Stanislaw, prof. dr inz.; MAJERSKI, Boleslaw, mgr inz.

Application of steam ejectors in industry. Pt. 2. Gosp paliw 11
no.7:245-248 J1 '63.

OCHEDUSZKO, Stanislaw, prof. dr inz.; GORNIAK, Henryk, adiunkt, mgr inz.

Decline of calories and gram-force. Gosp paliw 11 nr.10:361-368
0 '63.

OCHEDUSZKO, Stanislaw, prof. dr inz.; MAJERSKI, Boleslaw, mgr inz.

Use of steam ejectors in industry. Pt.3. Gosp paliw 11
no.11:408 412 P. 1.3.