

PETERSON, Zbigniew

A case of sacculated interlobar fluid simulating neoplasm of the lung. Polski tygod. lek. 10 no.13:405-407 28 Mar 55.

1. Z Zakladu Rentgenologii i Radiologii A.M. w Lodzi; kierownik: prof. dr med. Wladyslaw Trzetrzewinski.

(LUNGS, neoplasms,
differ. diag. from sacculated interlobar fluid)
(LUNGS, diseases,
sacculated interlobar fluid, differ. diag. from neo-
plasm)

PETERSON, Zbigniew; BOJANOWICZ, Kazimierz; NAROLSKA, Irena

Recesses of the duodenum and small intestine. Case report. Polski tygod.lek. 15 no.33:1282-1285 15 Ag '60.

1. Z I Kliniki Chorob Wewnętrznych; kierownik: prof. dr nauk med.
Jozef Wacław Grott i Zakładu Radiologii i Rentgenologii A.M. w Łodzi;
kierownik doc. dr Władysław Trzetrzewinski
(DUODENUM dis.)
(INTESTINE, SMALL dis.)

PETERSON, Zbigniew

A giant diverticulum of the stomach with an unusual localization.
Polski tygod.løk. 16 no.1:24-25 2 Ja '61.

1. Z Zakladu Radiologii i Rentgenologii A.M. w Lodzi; p.o. kier.:
dr med. Waclaw Kuzma.
(STOMACH dis)

PETERSON, Zbigniew - Lodz, Owocowa 3, m.1

A case of calcification of the fibrous ring. Polski tygod. lek.
10 no.2:52-54 10 Jan 55

1. Z Zakladu rentgenol. i radiologii A.M. w Lodzi, kier.: prof.
dr med. Wladyslaw Trzetrzewinski

(HEART

calcification of fibrous ring, diag. & ther.)

PETERSON, Zibgniew (Lodz, ul. Owocowa 3.)

Common mesentery - mesenterium commune, Polski tygod. lek. 14 no.14:
618-624 6 Apr 59.

1. Z Zakladu Rentgenologii i Radiologii A. M. w Lodzi; kierownik:
prof. dr med. Wladyslaw Trzetrzewinski)

(MSEENTERIES, abnorm.

mesenterium commune, case reports (Pol))

ZARINS, P.; ANGERS, F.; PLAUDE, O.; RIEKSTINS, J.; PETERSONE, A.

[Storage and processing of farm products] Lauksaimniecības
produktu uzglabāšana un pārstrāde. Rīga, Latvijas
valsts izd-va, 1964. 378 p. 2. papliinātais izdevums.
(MIRA 17:5)

SPURIS, Zandis Davida d., kand. biol. nauk; PETERSONE, A. red.; KRASOVSKA, M.,
tekh. red.

[The biology of our lakes] Musu ezeru biologija. Riga, Latvijas
Valsts izdevnieciba, 1958. 97 p. (MIRA 14:12)
(Latvia--Freshwater biology)

SERZANE, Marta; PETERSONE, A., red.; KRASOVSKA, M., tekhn. red.

[Plant diseases] Augu slimības; praktiskie darbi. Rīga,
Latvijas Valsts izdevniecība, 1962. 517 p. (MIRA 16:5)
(Plant diseases)

BUMBURE, M.; GALENIEKS, P., prof., doktor; JADZEME, V.; LIVENA, Dz.;
PETERSONE, A.; DIMDINS, J., red.; AIZUPIETE, M., tekhn. red.

[Flora of the Latvian S.S.R.] Latvijas PSR flora. P. Galenika
red. Riga, Latvijas Valsts izdevnieciba. Vol. 3. 1957. 459 p.
[In Latvian] (MIRA 15:1)

(Latvia--Botany)

BIRKMANE, K.; BUMBURE, M.; GALENIEKS, P., prof., doktor; JAUDZEME, V.;
PETERSONE, A.; OZOLINA, E., retsenzent; LANGE, V., retsenzent;
LIMDINS, J., red.; KRASOVSKA, M., tekhn. red.

[Flora of the Latvian S.S.R.] Latvijas PSR flora. P. Galenika
red. Riga, Latvijas Valsts izdevnieciba. Vol. 4. 1959. 524 p.
[In Latvian] (MIRA 15:1)

(Latvia--Botany).

VEVERIS, J., kand. sel'khoz. nauk; PETERSONE, A., red.; KRASOVSKA, M.,
tekh. red.

[Vegetable growing] Darzenkopiba. Riga, Latvijas Vaslats
izdevnieciba. Vol. 1. [Vegetable growing in the field] Lauku
darzenkopiba. 1961. 413 p. (MIRA 15:3)
(Vegetable gardening)

GALENIYEK, P. [Galenieks, Pauls], prof., doktor biolog.nauk; PETERSONE, A.,
red.; DARZINA, V., tekhn. red.

[Classification of plants] Augu sistematika; augstskolu kurss.
Otrais parstradatis izdevums. Riga, Latvijas Valsts izdevnieciba,
1960. 465 p. (MIRA 14:12)
(Botany--Classification)

GALENIYEK, P. [Galenieks, Pauls], prof., doktor biolog.nauk; PETERSONE, A.,
red.; DARZINA, V., tekhn. red.

[Classification of plants] Augu sistematika; augstskolu kurss.
Otrais parstradatis izdevums. Riga, Latvijas Valsts izdevnieciba,
1960. 465 p. (MIRA 14:12)
(Botany--Classification)

PETERSONE, Anna; OZOLINA, M., farmats. retsenzent; SUSTERS, J.,
kand. med. nauk, retsenzent; DIMDINS, J., red.; KRASOVSKA, M.,
tekh. red.

[Wild medicinal plants] Savvalas arstniecibas augi. Riga,
Latvijas Valsts izdevnieciba, 1961. 457 p. (MIRA 15:3)
(BOTANY, MEDICAL)

PETERSONE, I.; NETLANDE, A., red.; ČAKSS, J., tekhn. red.

[Maintaining poultry on deep litter] Putnu turesana
dzilajas kutis. Rīga, Latvijas Valsts izdevniecība, 1961.
21 p. (MIRA 15:3)
(Poultry)

PETERSONE, I.; KOTANE, S., red.

[Practices of Latvian duck raisers] Latvijas PSR pilkopju
piederze. Riga, Latvijas Lopkopibas un veterinarijas
zinatniski petnieciskais instituts, 1961. 19 p. (MIRA, 15:3)
(Latvia--Ducks)

PETERSONE, M.; DEMIDOVA, V.

Effect of the balneological factors of the Kemer Health Resort on
connective tissues. Izv. AN Latv.SSR no.3:80-83 '63.

(MIRA 16:5)

1. Institut eksperimental'noy i klinicheskoy meditsiny AN Latvyskoy
SSR.

(KEMERI--BATHS, MEDICATED)

(CONNECTIVE TISSUES)

PETERSONE, M.; DEMIDOVA, V.

Effect of balneological factors of the Kemerl Health Resort
on the elements of connective tissues. Izv. AN Latv. SSR
no. 2:96-99 '63. (MIRA 16:4)

1. Institut eksperimental'noy i klinicheskoy meditsiny AN
Latviyskoy SSR.
(KEMERL--BATHS, MEDICATED) (CONNECTIVE TISSUES)

1. ROBEZNIYEKS, I.; SKULME, K.; PETERSONE, M.
2. USSR (600)
4. Gastric Juice
7. Oxidation of ascorbic acid with gastric juice of man.
Latv. PSR Zin. Akad. Vestis 5, 1951

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

1. PETERSONE, M.
2. USSR 600
4. Proteins
7. Investigation of the composition of proteins of horse beans (*Vicia faba*) and their digestion in the human organism, Latv. PSR Zin. Akad. Vestis, No. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

OZOLS, A., akad.; TARANOVA, E., kand. sel'khoz. nauk; PETERSONS, E.,
kand. sel'khoz. nauk; ROZE, K., kand. sel'khoz. nauk; BERZINA, L.,
red.; BONDARE, A., tekhn. red.

[Instructions on hybridization of fruits, berries, vegetables, and
potatoes] Metodiski noradijumi augu hibridizacija auglu koki, ogu
kulturas, darzeni un kartupeli. Riga, Latvijas PSR Zinatnu akademijas
izdevnieciba, 1960. 88 p. [In Latvian] (MIRA 14:12)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs.
Biologijas instituts. 2. Akademiya nauk Latviyskoy SSR (for Ozols).
(Hybridization, Vegetable)

OZOLS, A., akademik, otv. red.; PETERSONS, E., kand. sel'khoz. nauk, red.; ROMANOVSKA, O., kand. sel'khoz. nauk, red.; SPOLITIS, A., kand. sel'khoz. nauk, red.; ZUMBERGA, M., red.; PILADZE, Z., tekhn. red.

[Possibilities of improving the winter hardiness and frost resistance of plants] Auga ziemcietiba, aikstumizturiba un to kapinasanas iespejas. Riga, Latvijas PSR Zinatnu akad. izdevnieciba, 1962. 186 p. (MIRA 16:5)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademijs. Biologijas instituts. 2. Akademiya nauk Latviyskoy SSSR (for Ozols).
(Plants—Frost resistance)

GUTMANIS, Krists; GUTMANE, Laima; PETERSONS, E., kand. sel'khoz.
nauk, retsenzent; MILLERS, k., st. nauchn. sotr.,
retsenzent; SHKLENIKS, Ch., red.; PILADZE, Z., tekhn.
red.

[Significance and use of vitamins in vegetable growing]
Vitaminu nozime un pielietosana darzemu audzesana. Riga,
Latvijas PSR Zinatnu akademijas izd-va, 1962. 54 p.
(MIRA 17:2)

1. Biologicheskiy institut Akademii nauk Latvyskoy SSR
(for Petersons, Millers).

GUTMANIS, Krists; PETERSONS, E., kand. sel'khoz. nauk, retsenezent;
BRENCSONS, A., retsenezent; SKLENNIKS, C., red.; PILADZE, Z.,
tekh. red.

[Biochemical composition of fruits of the Latvian S.S.R.]
Latvijas PSR auglu biokimiskais sastavs. Riga, Latvijas PSR
Zinatnu akademijas izdevnieciba, 1961. 96 p. (MIRA 15:3)
(Latvia--Fruit)

PETERSONS, K.

Topinambou—one of the most valuable cultures for fermented cattle feed. K. Petersons. *Latvijas PSR Zinātnis Akad. Vēstis* 1954, No. 5 (White No. 82), 39-44.—Experience with cultivation of topinambou (Jerusalem artichoke, *Helianthus tuberosus*) in Latvia is described. The yield of the green mass and of the digestible proteins per ha. was 2-4 times higher than from other locally cultivated plants. Production of liquid (10% in balls), lactose, and forage yeast are other attractive possibilities. Andrew Traynieks

SILAVA, E.; PETERSONS, P., red.; DARZINA, V., tekhn. red.

[Fiftieth anniversary of the Bulduri Technical School of Fruit
and Vegetable Growing] Bulduru darzkopibas tehnikuma 50 gad :
monografija. Riga, Latvijas Valsts izdevnieciba, 1960. 120 p.
(MIRA 14:12)

(Bulduri--Agricultural colleges)

ZIBENS, R.; ZARINS, V.; PETERSONS, P., red.; CAKSS, J., tekhn. red.

[Use of draft horses in agriculture] Darba zirgu izmanto-
sana lauksaimnieciba. Riga, Valsts izdevnieciba, 1961. 58 p.
(MIRA 15:3)

(Latvia--Draft horses)

CZECHOSLOVAKIA/Chemical Technology - Dyeing and Chemical
Processing of Textiles.

H-34

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 42019

Author : Petertill

Inst : -

Title : Determination of Silicones on Fabrics Which Have Been
Subjected to Water-Proofing.

Orig Pub : Textil (cescocl.), 1957, 12, 11, 422-423

Abstract : The silicone content is determined by a modification of
Petti's method as follows: A fabric sample (5-10g,) and 30 ml of conc. sulfuric acid are placed into a 200 ml vessel (made from a borosilicate glass) equipped with a lid and a reflux condenser. The vessel is tightly closed and through the upper condenser's opening 10 ml of 65% nitric acid is poured. The contents are mixed by rotating the vessel and 35 ml of nitric acid is added in 10 ml portions with agitation. Upon mixing the solids,

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CZECHOSLOVAKIA/Chemical Technology - Dyeing and Chemical
Processing of Textiles.

H-34

Abs Jour : Ref Zhur - Khimiya, No 12, 1958, 42012

the temperature increases and the sample is dissolved. When fuming ceases, the vessel is placed on a wire gauze triangle and the solution is gradually heated to boiling, and is kept at that temperature for 20 minutes, after which time the vessel and its contents are cooled. Ten ml of nitric acid (65%) and 2 ml of HClO_4 are added and heated on the wire gauze for 20 minutes, whereby the color of the mixture changes from black to an orange-brown color. At that point, the heating is interrupted and 10 ml of nitric acid and 2 ml of HClO_4 are added, followed by continuing heating. The operation is repeated until the solution becomes either colorless or light yellow. The condenser is washed with a small amount of nitric acid and is removed; the lid is washed in the same way. The vessel with its contents is covered with a watch glass (borosilicate glass) and is heated on the

Card 2/3

PETERTILL, J.

New methods for determining sulfuric compounds in viscose silk. p. 185.

TEXTIL. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia. Vol. 14, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

PETURKIL, J.

Development of instruments needed for a color technician. p. 110. (to be contd.)

(Textil. Vol. 12, no. 3, Mar. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (MEAL) 'C, Vol. 6, no. 10, October 1957. Uncl.

PETERKILL, J.

Development of instruments needed by a color technician. (conclusion) p. 1491

(Textil. Vol. 12, no. 4, Apr. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

Country : Czechoslovakia H-34
Category : Chemical Technology. Chemical Products and Their Applications. -- Dyeing & Chem. Treatment of Text.
Abs. Jour R. Zh. - Khim., No. 11, 1959 Materials. 41098

Author : Petertill, J.
Institut. : ~~Not given~~
Title : The Problem of the Determination of Starch Content in Cellulose Fabrics

Orig Pub. : Textil (Czechoslovakia), 12, No 12, 462-463 (1957)

Abstract : The starch (I) deposited on cellulose fabrics [rayon fabrics] is removed by treatment with 20% urea for 30 min at 95° (repeated 3-4 times) or with a 1.5 sp gr CaCl₂ solution acidified with 4 ml 50% CH₃COOH (per liter). The filtrates containing the solubilized I are transferred to a 250 ml volumetric flask and diluted with water up to the mark; an amount of solution corresponding to a I content of 1.5-3.5 mg I is transferred to a 100 ml volumetric flask. 50 ml distilled water, 2.5 ml 2 N CH₃COOH, 0.5 ml of freshly prepared 10% KI solution, and exactly 2 ml of 0.05 N KIO₃ solution are added, the solution is

Card: 1/2

Country : Czechoslovakia A-34
Category : Chemical Technology. Chemical Products and Their Applications. -- Dyeing & Chem. Treatment of Text.
Abs. Jour R. Zh. - Khim., No. 11, 1959 Materials. -1077
Author : Jaterill, J.
Institut. : Not given
Title : A Simplified Method for the Rapid Determination of PVC Content in Specially Finished Fabrics
Orig Pub. : Textil (Czechoslovakia), 13, No 7, 266-268 (1958)
Abstract : A large piece of the finished fabric (about 50 gms) is cut into small 2 x 2 mm squares; a 0.5-2 gms sample is used. The sample is placed in an Ni crucible (diam 40 mm, height 50-60 mm) the bottom of which has been covered first with a 5 mm layer of a mixture of 2 N NaOH and 1 N KNO₃. The sample is carefully mixed with the above mixture and the resulting mixture is covered with NaOH-H₂O₂ mixture (10-15 mm), after which the crucible is heated for 2-3 min. Following the heating the crucible is allowed to stand [time not indicated] and then placed in a narrow 600 ml flask, distilled water is added, and the melt is dissolved; the crucible

Card: 1/2

Card : 1/1

PETRETIK, J.

Determining chromium on delubricated glass fibers impregnated with M-Verlan.

P. 223, (Textil) Vol. 12, no. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (MEAI) Vol. 6, No. 11 November 1957

PETERILL, J.

"Problem of determining the amount of starch in cellulose materials."

p. 462 (Textil) Vol. 12, no. 12, Dec. 1957
Prague, Czechoslovakia

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

PETERY, Gyorgy; IMRE, Laszlo

Remarks about the mounting works of the reconstructed Hotel
Royal. Epuletgepeszat 11 no.4:136-138 S '62.

KOGMANOV, Yu.D.; KONVALOVA, T. .: PETERYUCHINA, A.I.; CHEBRIKOVA, N.V.

Scale structure on hot rolled dynamo steel. Metalloged. 1
term. chr. met. no. 2.10-51 P 165. (MIRA 18.10)

1. Verkh-isetakly metalurgicheskly zavod.

PETES, Gyorgy

International survey of steam turbine manufacture. *Energia es atom* 14
no.11:466-474 N '61.

NYTES, OY.

Organization of technical development in machine production. p. 29
TOB. ER. ELIS. Budapest. Vol. 10, No. 2, Feb. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 6, June 1956

PETERSON, V.

Every fifth, a passenger of air transport. Grazhd. av. gr.
no. 11.6-7 N 104. M. 57 1633

1. Komandir lastyyskoy otbel'noy aviagruppy.

HORNET, Th.; MARCOVICI, G.; PETESCU, A.; APPEL, E.

Experimental histochemical studies of phosphatases of the brain in normal conditions and in certain circulatory disorders. Bul. stint., sect. med. 8 no.2:433-444 Apr-June 56.

(BRAIN, metabolism
phosphatase activity in normal cond. & in circ. disord.,
exper. studies)

(PHOSPHATASES, determination
alkaline phosphatase in brain in normal cond. & in circ.
disord., exper. studies)

USHAKOVA, G.V.; BUSALAYEVA, N.N.; PETESHEV, V.M.

Fauna and distribution of ixodid ticks in the left-bank area of the
Syr Darya River. Trudy Inst. zool. AN Kazakh. SSR 19:173-179
'63. (MIRA 16:9)

(Chimkent Province--Ticks)

PETESHEV, V.M.

Anaplasmosis of sheep in Kazakhstan. Veterinariia 41 no. 1151-56
S '64. MIRA 12:4

1. Institut zoologii AN Kaz SSR.

KUSOV, V.N.; POSPELOVA, Z.K.; PETESHEV, Y.M.

Changes in the blood and urine of animals infected with
tick-borne paralysis. Trudy Inst.zool.AN Kazakh.SSR 12:
226-235 '60. (MIRA 13:7)

(Ticks as carriers of disease)
(Blood--Analysis and chemistry)
(Urine--Analysis and pathology)
(Veterinary medicine)

NOVINSKAYA, V.P.; PETHSHEV, V.M.; YAKUNIN, M.P.

Considering problems in protozoology. Vest.AN Kazakh.
SSR 16 no.6:79-80 Je '60. (MIRA 13:7)
(Protozoology)

PEIFU, G.I., Ing.

Problems connected with the geophysical investigation of very deep wells. Petrol at gaze 16 m. n. of 9-11-16.

COUNTRY : RUMANIA H
CATEGORY : Chemical Technology. Chemical Products and Their
Applications. Corrosion. Corrosion Control.
ABS. JOUR. : RZChim., No 17, 1959, No. 61198
AUTHOR : Petcu, I.
INSTITUTE :
TITLE : Caustic Embrittlement
ORIG. PUB. : Rev. chim., 1958, 9, No 11, 669-672
ABSTRACT : Review of reasons of the intercrystalline corro-
sion of apparatus made of steel and employed in
the manufacture of caustic soda

Card: 1/1

PETEL, I.

Brittleness caused by caustic lye. p. 9.

REVISTA DE CHIMIE. (Ministerul Industrii Petrolului si Chimiei si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Romania. Vol. 9, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEA) LC, vol. 8, no. 7, July, 1959.

Uncl.

RUMANIA/Chemical Technology. Chemical Products and Their
Application. Elements. Oxides. Mineral Acids.
Bases. Salts.

H-9

Abs Jour: Ref Zhur-Khim., No 2, 1959, 5255.

Author : Petcu, I.

Inst :

Title : New Method of Production of Carbon Dioxide for Soda
Industry.

Orig Pub: Rev. chim., 1958, 9, No 1, 13-18.

Abstract: The economical advantages of using natural gas and
enriched O_2 as fuel instead of coke for the decomposi-
tion of limestone are described. It is shown with a
heat balance that the use of O_2 makes it possible to
raise the temperature of the flame, to decrease the
losses of heat, and to increase the rates of combustion

Card : 1/2

PETEU, I.

Increasing productivity of the carbonation-precipitation columns
in soda factories. Rev chimie Min petr 13 no.1:41-45 Ja '67.

PETRU, I

27 2
Method for the production of carbon dioxide for the soda industry. I. Petru. *Rev. chim.* (Bucharest) 9, 13-18 (1958).—The author examines theoretically the possibility of producing CO₂ by burning CaCO₃ in a gaseous mixt. of CH₄-air enriched with O₂. 30 references. R. M.

R.M.

PETEL I.

"Fundamentals for the construction of some limekilns heating by methane gas and producing gases with considerable amount of CO₂."

p. 85 (Revista De Chimie) Vol. 7, no. 2, Feb. 1956
Bucharest, Rumania

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

Rumania/Chemical Technology - Chemical Products and Their Application. Soda
Industry, I-4

Abst Journal: Feferat Zhur - Khimiya, No 19, 1956, 62074

Author: Peteu, I.

Institution: None

Title: Specific Expenditures in the Production of Soda

Original

Periodical: Consumuri specifice in industria sodei, Rev. chim., 1955, 6, No 3,
125-132; Rumanian; Russian resumé

Abstract: Calculations of expenditures of NaCl, NH₃, CaCO₃ and fuel in the
production of calcined soda by the ammonia process.

Card 1/1

PETM, I.

Specific Consumptions in the Soda Industry. Revista De Chemie (Journal of Chemistry), #3:125:Mar 55

PETAY, I

Notes

Principles for the construction of a methane-heated lime kiln producing combustion gases rich in CO₂. I. Petcu. *31*
Tr. chim. (Bucharest) 7, 85-92(1956)(German summary).
-Preheating the combustion gases to 400° and low combustion temps. are some of the features recommended for calcining limestone in a shaft kiln with no coke. The partially recycled gases (low O content) are introduced at high velocities. A heat balance is given. Cary Gerard

dm
mpj

PETEV, D.

Reserves for increasing the productivity of threshing machines.

P. 10, (Mashinizirano Zemedelie) Vol. 8, no. 7, July 1957, Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, 11 November 1957

PEEV, Mikho; PETEV, Dimitar; POPOV, K.

A test for determining the effect of the complex mechanization of wheat harvesting. Izv mekh sel'sko stop BAN 1:233-246 '61.

1. Chlen na Redaktsionnata kolegiia, "Izvestiia na Tsentralnii nauchnoizsledovatel'ski institut po mekhanizatsiia i elektrifikatsiia na sel'skoto stopanstvo" (for Peev and Petev).

PETEV, D.

Mechanical drying and cleaning of grain. P. 32.

(Kooperativno Zemedelie, Vol. (12) no. 5, May 1957. Sofia, Bulgaria)

SO Monthly List of East European Accessions (SEAL) 10, Vol. 6, no. 10, October 1957. Unci.

PETEV, D.

Reserves for increasing the productivity of the tractor assemblage for hoeing. p.13.
(MASHINIZI I ANO ZEMEDELIE, Vol. 8, no. 5, May 1967, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, VOL. 6, no. 12, December 1967 Uncl.

PETEV, I.

"Loading, Unloading, and Transporting the Grain From the Combines."

n. 25 (Koooperativno Zemedelie, No. 7, July 1956, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11,
Nov. 1956

PETEV, D.

Reserves for increasing the productivity of combines. p.10.
(MASHINIZIRANO ZEMEDELIE, Vol. 5, no. 6, June 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

PETEV, D.

Standardisation of work and the fuel used in machine-tractor equipment. p.3.
(Mashinizirano Zemedelie Vol. 6, no. 7, July 1955, Sofiya)

SO: Monthly List of East European Accessions, (EEAL). LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

PETEV, D.; Stanchev, D.

Electrical mechanization of threshing. p. 10. MASHINIZIRANO
ZEMEDELIE. Vol. 7, no. 7, July 1957. Sofia, Bulgaria

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

FETEV, D.

Complex mechanization in harvesting grain crops. p. 24

MASHINIZIRANO ZEMEDELIE. Vol. 7, No. 6, June 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

PETEV, D.

Mechanization of winnowing grain. p.30. KOPERATIVNO ZEMLEDIE.
(Ministerstvo na zemedelieto) Sofia. Vol. 11, no. 6,
June 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1966

FRISK, D.

"Mechanization of corn and cotton planting."

Kooperativno Semedlie, Sofiya, Vol 9, No 1, 1954, p. 2

SO: Eastern European Accessions List, Vol 3, no 10, Oct 1954, Lib. of Congress

POTER, D.

"Increasing the quality of work and the Productivity of the Silver Selector
Seed Thresher" p. 20 (Mashinaziran Leningrad, Vol. 4, No. 3/4, 1953, Bulgaria)

SD: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,
March, 1954, Uncl.

PETEU, G.I., ing.

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Orig Pub: Sevrem. med., 1956, 7, No. 2, 35-39

Abstract: No abstract.

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Peter, P.

AVDZHEV, P.
Surname (in case): Given Name

Country: Bulgaria
Academic Degrees: not indicated
Affiliation: not indicated

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Co-authors:
TRIFONOV, A., Sofia
ATANASOVA, S. :
KORN, R. :
PETEV, P. :

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~~APOSTOLOV, P.~~

SURNAME (in caps); Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Knigiena, No 2, Mar/Apr 61, pp 27-28

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Co-authors:

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MANDULOV, V.

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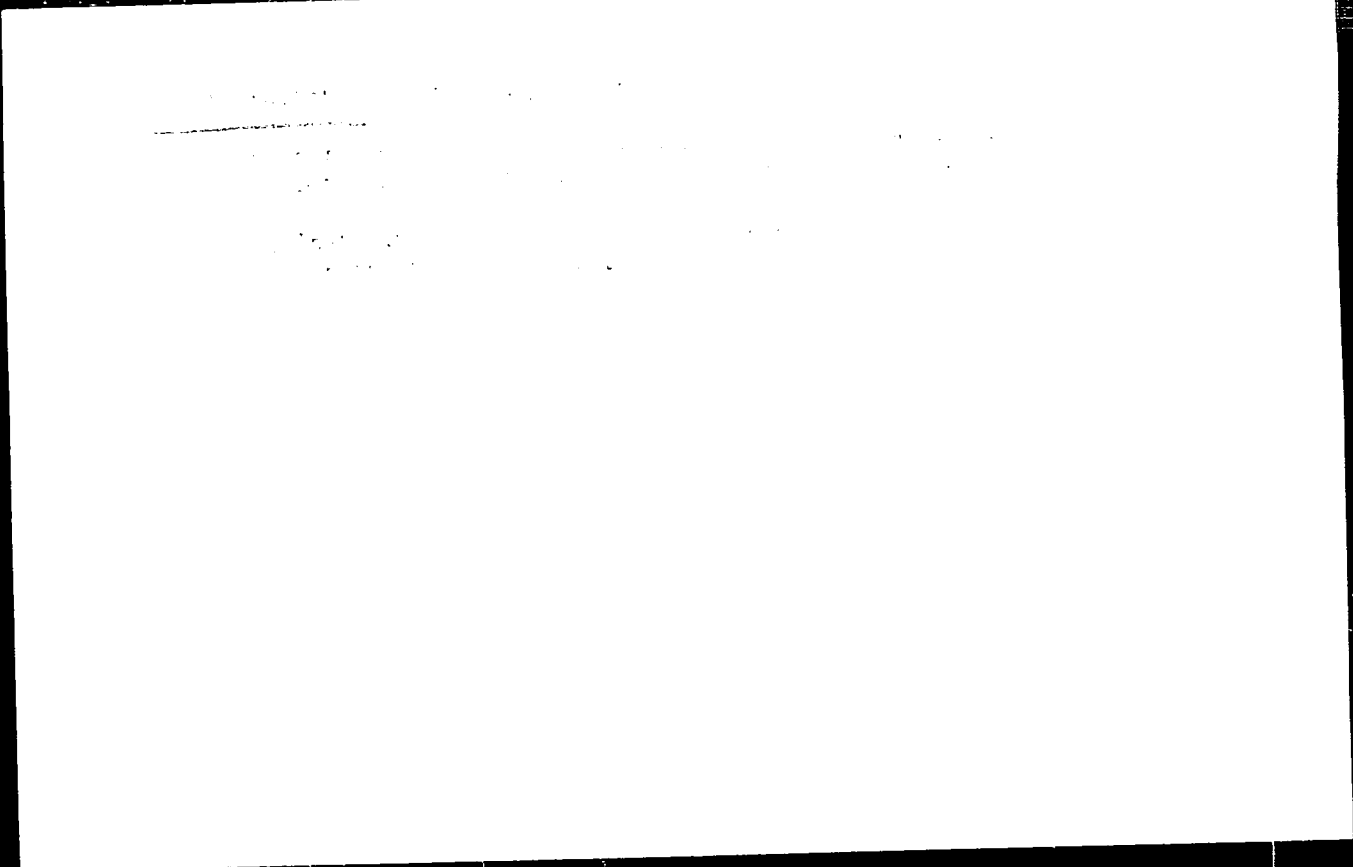
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If such a soln. exists, it can always be achieved by the usual
procedure, i.e. simple addn. of the equations multiplied by
suitable coeffs. A straightforward method is outlined by
which these coeffs. can be directly detd. even in the case of
complicated sets of equations. J. R. Schwartz

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7. Application of dimensional analysis for gas state equations having 3 constants. (In German) A. Fethéő. *Periodica Polytechnica, Chemical Engineering*, Vol. 1, 1957, No. 3, pp. 199-202

A general form of equations of state for gases with 3 disposable constants has been derived by the methods of dimensional analysis where interaction between the molecules is characterized by a constant a , the actual volume of the molecules by a constant b , the ideal behaviour of the gas when $P \rightarrow 0$ being taken into account by the constant k . If the nature of the interactions is not known in detail the dimension of a is (expressed in terms of the dimensions of pressure, volume and temperature) $[a] \sim [P]^{x_1} [V]^{x_2} [T]^{x_3}$ where the values of x_1 , x_2 and x_3 depend on the choice of the molecular model and $[k] \sim [P] [V] [T]^{-1}$ and $[b] \sim [V]$. Thus the general form of the equation of state is

$$P = \frac{RT}{V} \sum_m \sum_n C_{mn} V^{(x_1-x_2)m-n} (RT)^{-x_1 m} T^{-x_2 m} a^m b^n$$

where the C_{mn} expressions are dimensionless arbitrary numbers. The equations of state of van der Waals and Dieterici are derived as special cases. Finally a conclusion following from the application of dimensional analysis is given for proving the transformability of 3-constant equations of state into their reduced forms.

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Kuthy, Istvan, dr.); es Bacs-Kiskunmegyei KOJAL Laboratorium,
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ARMAND KEMEN' [Armand Kemeny]; GARISON BOLD'IZHAR [Harison Boldizsar];
D'YERD' PETESH [Györg. Pethes]

Stable concentration of magnesium ions in the spinal fluid after
intravenous infusion of magnesium salt solutions. Fiziol. zhur.
47 no.11:1367-1377 N '61. (MIRA 14:11)

1. Kafedra fiziologii Veterinarnogo instituta, Budapesht.
(MAGNESIUM IN THE BODY) (CEREBROSPINAL FLUID)

L 14885-66

ACC NR: AT6007399

SOURCE CODE: HU/2505/65/026/00X/0023/0023

AUTHOR: Boldizsar, H.; Kenezny, A.; Pethes, G.

ORG: Institute of Physiology, Veterinary Medical University (Allatorvostudományi Egyetem, Elektani Intezet)

TITLE: Distribution of Na in the blood and cerebrospinal fluid [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July, 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 23

TOPIC TAGS: sodium, hematoencephalitic barrier, calcium, magnesium, central nervous system, animal physiology

ABSTRACT: The distribution of Na on both sides of the blood-CSF barrier has been studied in response to infusion of K, Ca and Mg salts. The total molarity of plasma and CSF remained almost unchanged during the experiments. The plasma K, Ca and Mg concentrations increased by a total of 11 meq/kg H₂O while the increase in the concentration of the same cations was less than 1 mEq/kg H₂O in the CSF. The plasma Na level decreased by 11 meq/kg H₂O in response to the infusion

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ACC NR: AT6007399

while no change in the Na level of the CSF was observed. Although the K, Ca and Mg levels in the CSF increased only slightly and did not follow the changes in plasma concentration, the relationship was linear in the case of K and Mg. The Ca concentration of the CSF remained virtually unchanged. The plasma values calculated on the basis of the DONNAN equilibrium and the Na levels estimated in the CSF were in good agreement. It is suggested that the distribution of Na may be based on the membrane equilibrium.

[JFRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

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Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97192

Author : Kemeny, Armand and Pethes, Gyorgy

Inst : Not given

Title : Application of Radioactive Isotopes in Animal
Physiology

Orig Pub: Agrokem. es talaj., 1957, 6, No 3, 271-280

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(Physiol Inst. der Tieraztl. Hochschule, Budapest)

"Behavior of the Fluid Spaces in Haemorrhagic Shock."

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No abst. in Exc. Med.