

LIPPMAA, E.; PUSKAR, Yu. [Puskar, J.]; ALLA, M.

Use of the method of double intermolecular magnetic resonance  
(INDOR) in studying the nuclear Overhauser effect. Izv. AN Est.  
SSR. Ser. fiz.-mat. i tekhn. nauk 14 no.3:487-489 '65.  
(MIRA 18:11)

1. Institut kibernetiki AN Estonskoy SSR.

L 24117-66 EWT(1)/EEC(k)-2/ETC(f)/EWG(m)/T/EWA(h) LIP(c) TT/WW/AT  
ACC NR: AP6011513 SOURCE CODE: UR/043/66/000/001/0055/0064  
382

AUTHOR: Puskarev, O. Ye. 88  
B

ORG: none

TITLE: Optimum dynamic mode of operation of a magnetogasdynamic energy converter 25

SOURCE: Magnitnaya gidrodinamika, no. 1, 1966, 55-64

TOPIC TAGS: magnetogasdynamics, magnetic energy, electric energy conversion, magnetic field, electric conductivity, approximation, generator

ABSTRACT: The optimum dynamic mode of operation of a magnetogasdynamic generator with constant local electrical efficiency and a constant magnetic field has been investigated by using one-dimensional equations for the flow of conducting gas in the converter duct. The valid limits for the one-dimensional approximation of electrical and magnetic quantities were determined. The optimum specifications for a magnetogasdynamic generator were found. Simple analytical solutions for certain cases were obtained. The author thanks V. M. Gavriluk for his interest in this work and valuable discussions. Orig. art. has: 1 figure and 3 basic formulas. [Based on author's abstract] [NT]

SUB CODE: 20/ SUBM DATE: 15Nov64/ ORIG REF: 006/ OTH REF: 003/ 2

Card 1/1 *slw*

UDC: 533.95:538.4

PUSKAS, A.

New geographical names and changes of geographical names in the High Tatra. p. 83. KRASY SLOVENSKA. Bratislava. Vol. 31, no. 1, 1954.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

PUSKAS, Akos, dr.

Importance of Tiffeneau test in determining of work capacity.  
Tuberkulozis 12 no.9:212-213 S '59.

1. Az Orszagos Koranyi Tbc. Intezet (igazgato foorvos:  
Boszormenyi Miklos dr., tudomanyos igazgato: Foldes Istvan dr.)  
Mellkasfunkoios Laboratoriumanak (osztalyvezeto: Kovats Janos dr.)  
kozlemeny.

(RESPIRATION funct tests)  
(TUBERCULOSIS PULMONARY physiol).  
(DISABILITY EVALUATION)

PUSKAS, Attila, fokalauz (Pecs)

Social tasks in training railroad conductors. Vasut 13 no.10:  
21-24 0 '63.

FUCKAS, Willie, sergeant (bees)

More knowledge and discipline is needed in accident prevention.  
Wasnt 14 no.6:10-11 Je '64.

PUSKAS, Attila, fokalauz (Peca)

Passenger service: foundation for cultured travel. Vasut 13  
no.7:10-13 Jl '63.

PUSKAS, AUREL

Production of dihydroxyacetone (1, 3-dihydroxy-2-propanone) by fermentation. Aurel Puskas, Yearbook Inst. Agr. Chem. Technol., Univ. Tech. Sci. Budapest, Hung. 1952 III-1954 VIII, 150-3. CH

Yeast soln. with 6% glycerol content was fermented with Acetobacter suboxydans at 30° under aeration. About 90% of the glycerol was oxidized to 1,3-dihydroxy-2-propanone (I) after 5 days. With decreasing aeration rate the yield decreased. About 70% of I could be recrystd. J. A. Ballard

(Clipped Abstract)



PUSKÁS, AUREL

AG Preparation of compost for mushrooms. Aurél Puskás and Anna Szilágyi. *Yearbook Inst. Agr. Chem. Technol., Univ. Tech. Sci. Budapest, Hung.* 1952 III-1954 VIII, 209-14. — Compost for mushroom growers is prepd. from manure in a 4-week cycle with  $(\text{NH}_4)_2\text{SO}_4$  addn. at the end of each week. Changes in compost so prepd. were followed up to 30 days. Both the pH and  $\text{NH}_4$  content are reduced and about 30% of the org. matter present is decompd., mostly to cellulose and pentosan. At the same time the protein and lignin contents increase. Addn. of trace elements had no effect on the yield. Adding the superphosphate at the end of the 3rd- rather than the 2nd-week period increased the yield 13%. J. A. Szilard

①

PUSKÁS, A.

Isolation of bacterial strains forming 2,3-butanediol and laboratory fermentation experiments. Aurél Puskás and Gyula Számel. Yearbook Inst. Agr. Chem. Technol., Univ. Tech. Sci. Budapest, Hung. 1952 III-1954 VIII, 144-8. Of 200 strains of *Bacillus polymyxa* (I) obtained from Hungarian soils, 85 were selected for fermentation expts. These were conducted with wheat mash prepd. from 60 g. wheat farina, 5 g. CaCO<sub>3</sub>, 0.5 g. ground malt, and 400 cc. tap water. The mash was heated on a water bath at 70° for 20 min., then autoclaved 1 hr. at 121°, finally inoculated with I and kept for 60 hrs. at 30° with occasional shaking. The BtOH and 2,3-butanediol contents as well as the ease of filtration were detd. The 2,3-butanediol content of the filtered sample varied for 16 strains up to 1 g. per 100 cc., for 28 strains between 1.0 and 1.5 g., for 30 strains 1.5-2.0 g., and for 11 strains over 2 g. The ability to form aces. and the filterability of the mash with strains, preserved for 6 months by subculturing, deteriorated. Strains preserved under sterile paraffin oil did not change appreciably. Fermentation expts. were conducted with corn and potato mash, too.

I. A. Scillard

PUSKAS, A.

"The northern wall."

p. 264. (Česky Lid., Vol 34, No. 7, 1957, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

PUSKAS, Attila

As seen by trainmen. Vasut 13 no.5:22-23 My '63.

1. Fokalauz, Pecs.

PUGHAS, A.

"The Upper Kezmarska Strbina in December 1956."

p. 56 (Krasý Slovenska, Vol. 34, No. 2, Feb. 1957, Bratislava, Czechoslovakia)

GEOGRAPHY & GEOLOGY Periodicals

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

PUSKAS, Attila, fokalauz (Pecs)

Running of railroad trains according to the table as seen  
by a conductor. Vasut 13 no.11:23-26 N'63.

ZSOLNAI, B.; SOMOGYI, J.; PUSKAS, E.; VINCZE, I.

On the injurious effect of extracts of human chorionic villi and decidua on pregnancy in rats. Acta chir. acad. sci. Hung. 4 no.2:125-135 '63.

I. II Frauenklinik (Direktor: Prof. Dr. I. Zoltan) und Experimentelles Forschungslaboratorium (Vorstand: Dr. A.B.G. Kovach) der Medizinischen Universität Budapest.  
(ABORTION) (FETAL DEATH) (MATERNAL-FETAL EXCHANGE)  
(DECIDUA) (PLACENTAL EXTRACTS) (PREGNANCY, ANIMAL)  
(TISSUE EXTRACTS)

CSILLAG, M.; SZEKELY, L.; PUSKAS, E.

Glucuronates recovered from alkalinized urine by means of butanol.  
Their proportion to urinary steroids. Acta chir. acad. sci. hung.  
4 no.1:73-83 '63.

1. Second Department of Gynaecology (Director: Prof. I. Zoltan),  
Medical University, Budapest.  
(GLUCURONATES) (MENSTRUATION DISORDERS) (URINE)  
(17-KETOSTEROIDS) (ALCOHOLS)



SZALAY, Sándor, egyetemi tanár; PUSKAS, Emil; KOLTAY, Ede; FELSTERPÁLVI, János

Van de Graaff generator with two million voltage. ATOMI közl  
2 no.1:3-14 '60.

1. Kossuth Lajos Tudományegyetem Kísérleti Fizikai Intézete,  
Debrecen.

2. Magyar Tudományos Akadémia levelező tagja; Magyar  
Tudományos Akadémia Atommag Kutató Intézete igazgatója;  
"ATOMI Közlemények" felelős szerkesztője és felelős  
szerkesztője és felelős kiadója (for Szalay).

PUSHKASH, Yerne [Fuskas, Erno]; SABO, Zoltan [Szabo, Zoltan]

Examination of the fundus oculi in newborn infants. Akush. i gin.  
38 no.5:76-79 S-0 '62. (MIRA 17:11)

1. Iz 2-y akushersko-ginekologicheskoy kliniki (dir. - prof. Imre Zoltan) i 1-y glaznoy kliniki (dir. - prof. Magda Radnot) Budapeshtskogo meditsinskogo universiteta.

PAJOR, Rezso, dr.; SZABO, Zoltan, dr.; PUSKAS, Erno, dr.

Three-year follow-up examination of 227 newborn infants with retinal hemorrhage. Orv. hetil. 105 no.17:781-783; 26 Ap'64

I. Budapesti Orvostudományi Egyetem, I.Szemeszeti Klinika es  
II. Noi Klinika.

\*

VACZY, Laszlo, dr.; PUSKAS, Erno, dr.

Study of the uterine cancer material from the 2d Budapest Gynecological  
University Hospital. Magy. noorv. lap. 24 no.6:321-325 N '61.

1. A Budapesti Orvostudományi Egyetem II sz. Noi Klinikájának közleménye  
(Igazgató: Zoltan Imre dr. egyetemi tanár).

(UTERUS NEOPLASMS statist)

TALLIAN, F.; PUSKAS, E.; HERMADY, A.; SZEGEDY, L.; TANKA, I.

Fetal injuries in forceps delivery. Acta chir. acad. sci.  
Hung. 6 no.4:353-364 '65.

On the effect of breech presentation on the fetus. (Results  
of follow-up studies). Ibid.:375-383

I. II. Frauenklinik (Direktor: Prof. Dr. I. Zoltan), I. Kinder-  
klinik (Direktor: Prof. Dr. P. Gegesi-Kiss), Psychiatrische  
Klinik (Direktor: Prof. Dr. Gy. Nyiro) der Medizinischen Univer-  
sität und Landesinstitut für Neurochirurgie (Direktor: Dr. L.  
Zoltan), Budapest. Submitted November 25, 1964.

PUSKAS, Erno, dr.; SZABO, Zoltan, dr.

Examinations of the fundus oculi in newborn infants. Magy. noorv. lap.  
24 no.6:334-343 N '61.

1. A Budapesti Orvostudományi Egyetem II sz. Noi Klinikájának (Igazgató:  
Zoltan Imre dr. egyetemi tanár) és a Budapesti Orvostudományi Egyetem  
I sz. Szemeszeti Klinikájának (Igazgató: Radnot Magda dr. egyetemi  
tanár) közleménye.

(FUNDUS OCULI) (INFANT, NEWBORN)

URSU, I.; PUSKAS, F.; CRISTEA, V.

Semiconductor properties of the  $ZnO-Al_2O_3$  system. *Studia Univ B-B S. Math-Phys* 7 no.1:127-135 '62.

S/058/63/000/003/074/104  
A059/A101

AUTHORS: Ursu, I., Puskás, F., Cristea, V.

TITLE: Semiconductor properties of the ZnO - Al<sub>2</sub>O<sub>3</sub> system

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 71 - 72, abstract 3E498  
("Rev. phys. Acad. RFR", 1962, v. 7, no. 2, 277 - 286, English)

TEXT: The electric conductivity of a pelletized ZnO-Al<sub>2</sub>O<sub>3</sub> mixture was examined. The relative concentrations of the components were varied between 0 and 100%. The pellets were first annealed for 6 to 8 hours at 1,200°C and subsequently for 12 hours at 900°C. It has been established that the activation energy of the electric conductivity and the temperature coefficient of resistance depend on the ratio of the components and reach a maximum for the mixture 1 : 1. This composition to which corresponds the compound ZnAlO<sub>4</sub> with a spinel-type structure is recommended as a thermistor for use at high temperatures. There are 27 references.

E. Yenikayev

[Abstracter's note: Complete translation]

Card 1/1



S/081/63/000/003/017/036  
B144/B186

AUTHOR: Puskas, Ferenc

TITLE: Method of burning corundum articles in electrical furnaces

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1963, 406, abstract  
3M85 (Hung. patent 148772, December 31, 1961)

TEXT: The method patented for the production of high-strength ceramic articles is characterized by the fact that they can be heat-treated in electrical furnaces at relatively low temperatures: 1250 - 1450°C. The optimum composition of the mixture is >99.8% pure  $Al_2O_3$  combined with 2 - 5% (4.2%) titanium and manganese or titanium and copper oxides. In the burning process, at least 90% of the crystals are obtained  $\leq 3\mu$  in size. So as to obtain a high degree of hardness, strength and viscosity it is foreseen that  $Al_2O_3$  will be used with a total content of sodium, potassium, vanadium and iron oxides of  $\leq 0.05\%$  of silicon dioxide  $\leq 0.1\%$  and of titanium and manganese dioxide of 0.05%. The high quality of the articles, e. g., wire-drawing rings, thread guides, sandblast units etc.,  
Card 1/2

Method of burning corundum articles ...

S/081/63/000/003/017/036  
B144/B186

is guaranteed by the use of  $\alpha\text{-Al}_2\text{O}_3$  with a grain size of  $< 1\mu$  (average  $0.6\mu$ ). The articles are formed by molding or pressing. Examples of different mass compositions are indicated, together with the process of preparing the mixture, formation and treatment of the articles, and their mechanical properties. The specific weight of the articles is  $3.9 \text{ g/cm}^3$ , water absorption 0; hardness 90 Ra; bending strength  $2000 \text{ kg/cm}^2$ , compression strength  $24000 \text{ kg/cm}^2$ . [Abstracter's note: Complete translation.]

Card 2/2

PUSKAS, G., ing.

Some opinions on the hydrologic dimensioning of water reservoirs.  
Vodoprivreda Jug 2 no.7/8:88 '59. (EEAI 10:1)

1. Institut za hidraulicka istrazivanja, Budimpesta [Budapest]  
(Hydraulics) (Reservoirs) (Water) (Rivers)

PUSKAS, Geza

Cooperation with labor union councils. Munka 4 no.8:28 Ag '54

1. Helyiipari es Varosgazdasagi Dolgozok Szakszervezete Hajdu megyei Bizottsaganak elnoke.

FUSKAS, G., post.; FODOR, Blanka, dr.; NEMZ, G., dr.; NUSSEBAUM, Vera, dr.;

Changes in blood protein and lipid patterns in diabetic children in relation to the stage of metabolic compensation.  
Pediatria (Bucur.) 13 no.6:481-490 E-D 1961

1. Lucrare prezentata in Clinica de pediatrie, Tg. Mures  
(conducator: prof. Gh. Fuskas, doctor in stiinte medicale).

PUSKAS, Gh., prof.; METZ, Olga, dr.; INDIG, Bianka, dr.

Tolerance of fats and their influence on circulating lipids in dystrophic infants. *Pediatria (Bucur.)* 14 no.3:213-222 My-Je '65.

1. Lucrare efectuata in Clinica de pediatrie, Tirgu Mures (conducator: prof. Gh. Puskas, doctor in stiinte medicale).

RUMANIA / Virology--Viruses of Man and Animal; Newly-Dis- E  
covered and Little-Studied Viruses

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94919

Author L Puskas, Gyorgy, Abraham, Sandor, Indig, Blanka

Inst : Not given

Title : Data on the Virus Etiology of Dühring's Disease

Orig Pub: Rev. med. (RPR), 3, No 5, 89-93

Abstract: A virus was isolated from the bladder contents of young patients; in the opinion of the authors, it is a causative agent; staphylococci play a secondary role in the etiology of the disease.

Card 1/1

ADORJANI, Csaba; PUSKAS, Imre, dr.

Special group therapy. Magyar pszichol szemle 18 no.2:219-220  
'61.



ADORJANI, Csaba; PUSKAS, Imre, dr.

The re-socializing effect of the theater in mental patients according to 2 observations. Idegyogy. szemle 15 no.5:129-133 My '62.

1. Egyszegugyi Miniszterium Munkatherapias Intezete (igazgato foorvos: Galfi Bela dr.) kozlemenye.

(MENTAL DISORDERS ther) (ART)

PUSKAS, Julia (Budapesht)

Hungarian national forests. Frieoda 45 no.1:93-95 Ja '56.  
(Hungary--National parks and reserves)

KASZAS, Janos (Budapest); GYORGYI, Gyula (Budapest); PUSKAS, Janos  
(Budapest); BALOGH, Istvan (Gyor)

Forum of innovators. Ujit lap 15 no.8:30 25 Ap '63.

PUSKAS, Jozsef, dr.

Territorial tasks of leading hospitals. Nepegeszseguy 42 no.1:  
12-14 Ja '61.

(HOSPITALS)

PUSKAS, Laszlo (Budapest XIII., Madarasz telep 5/3)

2000 km with Pannonia motorcycle. Auto motor 15 no.16:22 21 Ag  
'62.

1. Technikus.

HUSKIS, L.

Development of Polish automatic power looms, P. 266, MAGYAR TEXTILTECHNIKA  
(Textilipari Muszaki es Tudomanyos Egyesulet) Budapest, No. 7, July 1956

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

BIRO, Janos; DEME, Sandor; FEHER, Istvan; PUSKAS, Laszlo

Surface barrier semiconducting detectors for measuring charged particles. Koz fiz kozl MTA 10 no.3:241-247 '62.

1. Konverta Gyar munkatarsa (for Puskas).

PUSKAS, L.

"Cooperation between rail and road transportation." p. 95. (KOZLEKED ESTUDOMANYI SZEMLE, Vol. 3, no. 3, Mar. 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #6, Library of Congress  
August, 1953, Uncl.



-PUSKAS, MARIA

E-3

HUNGARY/Analytic Chemistry - Analysis of Organic Substances.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 46478

Author : Pal Nanasi, Rezső Bogner, Maria Puskas, Farkas Teichmann, Jenő Ecsedi

Inst : Debrecen University.

Title : Study of Carbohydrate Derivatives by Paper Chromatography Method.

Orig Pub : Acta Univ. debrecen., 1956, (1957), 3, No 2, 95-103.

Abstract : The chromatographic separation of simple and complex sugars, primary aromatic amines, N-aryl derivatives of glucosylamines (I) and corresponding aglycones in the case of their simultaneous presence was carried out and the values of  $R_f$ -s were determined. 6 mixtures of solvents were tried, the mixture n-butanol - pyridine-

Card 1/2

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SZABO, Klara; PUSKAS, Maria; BARTALIS, Kva

The protein amino acid changes of the different genotypes of  
*Drosophila melanogaster* Meigen in the course of ontogenesis.  
*Acta biol. acad. sci. Hung.* 16 no.2:125-136 '65.

I. Institute of phylogeny and genetics, Eotvos Lorand Uni-  
versity, Budapest (Head: B. Faludi). Submitted July 23, 1964.

PISKAS, T.; STAROSOLSZKY, O.

Up-to-date water discharge control sections. p. 46.

BESZÁRÓ. Budapest, Hungary. 1957 (published 1959).

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, No. 1, Jan. 1960

Uncl.

PUSKAS, T

✓ 151. Puskas, T., Some lessons drawn from river discharge statistics (in Hungarian), Res. Inst. for Water Resources, Budapest, 1954 Report, 90-99, 1955.

Daily observations and use of a discharge curve give accurate runoff in large rivers; gradually varying bottom does not particularly complicate computations. In small rivers, stage observation once a day is unreliable, as periodical fluctuations are possible. Changes in the bed can cause errors as large as 250%. Influence of nonuniform flow can also be of particular importance in these conditions.

S. Kolupaila, USA

Cyph

MUSKAS, I

HUNG.

7) Lessons derived from the Tisza river flood statistics - T. Muskás. (Vízügyi Közlemények - 1951 No. 2, pp. 157-168, 19 figs.)

The design flood stage of the Tisza river adopted in hydraulic planning, determined as the upper envelope of recorded peak floods with certain corrections, was subjected to a statistical analysis by the probability calculus method for a comparison with flood records. The investigation, spread over a period of 65 years (1848-1912), covered the maximum flood flow due to the spring snow runoff each year at nine sections of the river. This paper presents some interesting experiences in preparing the evaluation and the most important result of calculations. Statistical analysis was based on flows corresponding to the aforementioned river stages.

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T. P. Lukacs

On the very gently sloping Tisza river (1 in 10,000 to 50,000), the magnitude of flow at the same stage is substantially influenced by the changes in the slope of the water level. For the determination of discharges this problem had to be investigated in greater detail, moreover, rating curves had to be extrapolated. As a summary of the statistical analysis the longitudinal hydrological section of computed flood flows of different probability, and of the minimum, maximum and mean flood flows recorded during the period investigated as well as the longitudinal section illustrating the change of the coefficient of variation, were elaborated.

2/2

RUSSIA, T.

"Lessons from Flood Statistics of the Tisza River," p. 157, (VIZUGYI  
KOSLEENYEK, No. 2, 1954, Budapest, Hungary)

See: Monthly List of East European Accessions, (MEAL), LB, Vol. 3, No. 12,  
Dec. 1954, Uncl.

Puskas, T.

GEOGRAPHY & GEOLOGY

Budapest. Vizgazdalkodasi Tudomanyos Kutato Intezet. (ESZAKIO).Budapest.  
1954

Some lessons drawn from statistics on river discharge. p. 90.

Monthly List of East European Accessions (EMAI). LC, Vol. 8, No. 2,  
February 1959, Unclass.



MARCZELL, Ferenc; PUSKAS, Tamas; STAROSOLSZKY, Odon

Barrage hydroelectric stations in Dobsina and Orava.  
Hidrologiai kozlony 38 no.1:55-66 F'58.

PUSKAS, Tamas, SZESZTAY, Karoly, a muszaki tudomanyok kandidatusa.

Flood control possibilities by reservoirs in the catchment area of the Hungarian Danube. Hidrologiai Kozlony 39 no.4: 273-278 Ag'59.

PUSKAS, Tamas; SZESZTAY, Karoly, a muszaki tudomanyok kandidatusa;  
ZSUFFA, Istvan

Some hydraulic questions relating to the canalization of the  
Danube. Vizugyi kozl no.1:82-111 '60.

PUSKAS, Zsuzsa

"Steel cables" by Lajos Dekany, Endre Frank. Reviewed by  
Zsuzsa Puskas.

PUSKHAREV, B.N., inzh.

Large-block relay interlocking system. Zhel.dor.transp. 43 no.5:  
49-51 My '61. (MIRA 14:4)  
(Railroads--Signaling centralized traffic control)

RUSSIAN, N. 7.

USSR/Chemistry - Acridine Derivatives 1 Nov 53

"The Structure of 9-Aminoacridine," Z. V. Puskharev  
and Z. Yu. Kokoshko, Ural Polytech Inst im S. M.  
Kirov, Sverdlovsk

DAN SSSR, Vol 93, No 1, pp 77-80

Measured the dipole moments of acridine, 9-amino-  
acridine, and four of its derivs. The results do  
not support the categorical conclusion of Karyakin,  
Grigorovskiy, and Yaroslavskiy [Usp Khim, Vol 21,  
615 (1952), and DAN SSSR, Vol 67, No 4, (1949)]  
that the 9-aminoacridine mol has the structure of

275T7

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acridonimine. Concludes that 9-aminoacridine and  
its derivs exist in the aminoisomeric form and not  
in the acridonimine form when in a non-polar sol-  
vent. Presented by Acad V. M. Rodionov 1 Sep 53.

*PUSH TO RSKiy, 75.1.*

ANUPRIYEV, V.Ye.; AKSEL'ROD, L.S.; KARAGODIN, V.I.; SAKHAROV, V.M.; PUSHTOBSKIY,  
Ye.I., redaktor; VINOKUROVA, Ye.B., redaktor; PETROVSKAYA, Ye. tekhnicheskii  
redaktor.

[Hydraulic engineering for cities] Gorodskaya gidrotekhnika. Moskva, Izd-  
vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1954. 270 p. (MLRA 8:1)  
(Hydraulic engineering) (Municipal engineering)

ANUFRIYEV, Vladimir Yefimovich, kandidat tekhnicheskikh nauk; PUSHTORSKIY,  
Ye. I. redaktor; PETROVSKAYA, Ye., tekhnicheskiy redaktor.

[Struggle with landslides in urban areas; hydraulic engineering]  
Bor'ba s opolzniami na gorodskikh territoriyakh; gidrotekhnicheskie  
meropriyatia. Moskva, Izd-vo Ministerstva kommunal'nogo  
khoziaistva RSFSR, 1955. 99 p. (MLRA 9:4)  
(Landslides)



PUSHTORSKIY, Ye.I.

GIBSHMAN, Ye.Ye., professor; SLOBODCHIKOV, A.Ya., kandidat tekhnicheskikh nauk; PUSHTORSKIY, Ye.I., redaktor; OTOCHEVA, M.A., redaktor; PETROVSKAYA, Ye., tekhnicheskij redaktor.

[Planning city bridges] Planirovka mostev v gorodakh. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 11p.  
(Bridges--Design) (MIRA 8:6)

PURSKI, Jerzy; SKWARCZ, Andrzej

Cyst of the popliteal fossa descending to the leg. Chir.narzad.  
ruchu ortop. pol. 29 no.1:119-122 '64

1. Z Kliniki Ortopedycznej AM w Lublinie; kierownik: doc. dr.  
med. S.Piatkowski.

\*

NOVIKOVA, V.N.; PURTOVA, I.V.

Experimental leptospirosis in some wild rodents. Zool. zhur. 42  
no.10:1585-1586 '63. (MIRA 16:12)

1. Department of Microbiology, High Medical School of Tomsk.

Tratba o pravu odbrane s referencama na umjetnu diskriminaciju odbojnika.  
1955.

1955. (Inaktivno voljeprivrednih inženjera i tehničara Srbije)  
Beograd, Jugoslavija  
Vol. 4, no. 1/2, Jan/Apr 1955

Detaljni list odbojnika Jugoslavien. Asociacija Inženjera (I. AI) 1955, No. 11  
Beograd, 1955  
Incl.

FUSHER, ...  
"Index numbers of work in the ...  
(...)  
(Containing ... i Artykulow Skorzanych)  
Vol 3 No 3, March 1953

CC: East European Accessions List Vol 3, No 3, August 1954

PUSKINA, V.G.

Studies with the electroencephalogram of patients with symptoms of  
tuberculous intoxication. Probl. tub. 38 no. 5:84-89 '60.  
(MIRA 14:1)

(TUBERCULOSIS) (ELECTROENCEPHALOGRAPHY)

PUSKINA, V.G.; AGAPKIN, I.N.

Characteristics of the electrical activity of the brain in tuberculosis of the skin. Vest. dermat. i ven. 38 no.11:15-22 N '64. (MIRA 13-4)

1. Moskovskiy nauchno-issledovatel'skiy institut tuberkuleza (dir. - kand. med. nauk T.P. Mochalova, zamestitel' direktora po nauchnoy chasti - prof. D.P. Aseyev) Ministerstva zdravookhraneniya RSPSS.

PUSKINA, V.G.

Electrical activity of the brain in the late periods following  
treatment of tuberculous meningitis. Zhur.nevr.i psikh. 62 no.7:  
1018-1023 '62. (MIRA 15:9)

1. Patofiziologicheskaya laboratoriya (zav. - kand.biologicheskikh  
nauk T.G.Plotitsyna) i meningitnoye otdeleniye (zav. - prof. I.E.  
Sorkin) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza  
(dir. - kand.med.nauk V.F.Chernyshev).  
(MENINGES--TUBERCULOSIS) (ELECTROENCEPHALOGRAPHY)



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Electroencephalographic study of the functional state of the central nervous system in meningeal tuberculosis patients [with summary in French]. Probl.tub. 35 no.4:80-87 '57. (MLRA 10:8)

1. Iz fiziologicheskoy laboratorii (zav. - starshiy nauchnyy sotrudnik G.I.Kositskiy) i meningitnogo otdeleniya (zav. - prof. I.E.Serkin) Gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - kandidat meditsinskikh nauk V.F.Chernyshev, zam. direktora po nauchnoy chasti - prof. D.D.Aseyev)

(ELECTROENCEPHALOGRAPHY, in various dis. tuberc., meningeal (Rus))

(TUBERCULOSIS, MENINGEAL, diag. EEG (Rus))

PUSKINA, V.G.

Significance of the method of electroencephalography in the diagnosis of diseases of the central nervous system in the clinical aspects of tuberculosis. Probl. tub. no.1: 83-84 '63. (MIRA 16:5)

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(ELECTROENCEPHALOGRAPHY) (NERVOUS SYSTEM—DISEASES)  
(TUBERCULOSIS)

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Cand Med Sci - (diss) "Analysis of changes in electrical activity of the brain under conditions of tubercular meningitis." Moscow, 1961. 19 pp; (First Moscow Order of Lenin Medical Inst imeni I. M. Sechenov); 250 copies; price not given; (KL, 7-61 sup, 261)

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Correlation between the phases of  $\alpha$ -activity and the dimensions of latent periods of motor reactions. Zhur. nevr. i psikh. 63 no. 9:1381-1387 '63. (MIRA 17:8)

1. Laboratoriya neyrofiziologii i vysshey nervnoy deyatel'nosti (zav. K.K. Monakhov) Instituta psikiatrii AMN SSSR, Moskva.

SNURNIKOV, A.P.; YURFNKO, V.M.; PUSIK, A.G.

Indium and nonferrous metal recovery from zinc cake. TSvet.net. 38  
no.3:42-46 Mar '65. (MIRA 18:6)

MARGULIS, Ye.V.; PUS'KO, A.G.; MALETINA, Ye.D.

Effect of the acidity of sulfuric acid solution of titanium  
on the dispersity of the hydrolysis products. Zhur. prikl.  
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Sulfation of titanium materials in a fluidized bed. Zhur. prikl.  
khim. 36 no.8:1665-1669 Ag '63. (MIRA 16:11)

SECRET

Information report of operations and maintenance  
of the system, 10/1/68, 10/1/69, 10/1/70, 10/1/71, 10/1/72.

(SIRA 18:11)



PUS'KO, A.G.; PONOMAREV, V.D.

Effect of the partial pressure of water vapors on the process  
of sulfation of titanium materials. Zhur. ~~pr~~ikl. Khim. 38  
no.3:668-671 Nr '65. (MIRA 18:11)

1. Submitted Sept. 30, 1963.

HUNGARY

KOVER, Gyorgy, and PUSKOPI, Gabriella, Institute of Physiology at the Medical University (Orvostudományi Egyetem Elektani Intézete) in Budapest.

"Effect of Antidiuretic Hormone on Cell Membrane Permeability"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 29, No 3-4, 8 Jun 1966, pp 219-223.

Abstract: [English article] The purpose of these studies is the investigation of the permeability-increasing action of vasopressin on inulin transport in rats. Any inulin introduced into the organism is supposed to remain in the extracellular compartment. In the tests described, the amount of inulin introduced into rats increased in the kidneys and in the urinary tract if antidiuretic hormone was introduced. Since inulin is not secreted in the kidney, the introduced antidiuretic hormone must have either reduced glomerular filtration or caused a reabsorption of inulin at some point of the nephron or in the renal pelvis, owing to increased permeability. 15 references, including 2 Hungarian, 1 German, and 12 Western. (Manuscript received 10 Jul 1965).

1/1

- 68 -

PUSKOV, V.I., inzh.

Design of Foundations taking soil heaving into account.  
Trudy NIIZHT no. 22:115-130 '61 (MIRA 19:1)

Experiments in the reduction of heaving forces in foundations.  
Ibid.:131-140.

Methodology of the sampling of frozen grounds with a natural  
structure. Ibid.:187-195.

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Instruments developed by the Novosibirsk Scientific Research  
Institute of Railroad engineers for the study of soils from  
the point of view of engineering geology. Trudy NIIZHT no. 22:  
207-219 '61 (MIRA 19:1)

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Designing foundations anchored in thawed soils taking into account  
the action of heaving forces. Osn., fund.i mech.grun. 3 no.2:  
15-17 '61. (MIRA 14:5)

(Foundations) (Thawing)

TATIYEV, D.P.; PUS'KOV, V.V., redaktor; SHLENSKIY, I.A., tekhnicheskiy redaktor

[Conditioning of offset paper] Akklimatizatsiia ofsetnoi bumagi. Moskva, Izd-vo geodez. i kartogr. lit-ry, 1951 128 p. (MIRA 10:1)

[Microfilm]

(Paper)

PUSHOV, V. V.

TEKHNOLOGIA IZDANIYA KART - CHAST II (Technology of Cartography Part II), 1946

PUS'KOV, Vladimir Vladimirovich.

Technology of map publishing; textbook. Moskva, Izd-vo geodezicheskoi lit-ry, 1954.  
374 p. (55-59776)

1. Cartography.



PUS'KOV, V.V.; POPOV, V.V., redaktor; SHAMAROVA, T.A., redaktor; SHLENSKIY,  
I.A., tekhnicheskiy redaktor [deceased]

[Technology of map publishing] Tekhnologiya izdaniia kart. Moskva,  
Izd-vo geodezicheskoi lit-ry, 1954. 374 p. (MLBA 8:2)  
(Cartography)

PUS'KOV, Vladimir Vladimirovich, redaktor

[Brief photography handbook] Kratkii fotograficheski spravochnik.  
Izd. 2., perer. i dop. Moskva, Iskusstvo, 1953. 479 p. (MLRA 7:6)  
(Photography--Handbooks, manuals, etc.)

Pus'kov, V. V., Dr. Tech. Sci.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 326 - I

Call No.: TR146.P977 1953

BOOK

Author: PUS'KOV, V. V., Doctor Tech. Sci., Ed.

Full Title: SHORT HANDBOOK ON PHOTOGRAPHY, 2nd ed., revised and supplemented

Transliterated Title: Kratkly fotograficheskiy spravochnik

Publishing Data

Originating Agency: None

Publishing House: State Publishing House "Iskusstvo"

Date: 1953

No. pp.: 480

No. of copies: 300,000

Editorial Staff

Editor: Pus'kov, V. V., Dr. Tech. Sci.

Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Others: A list of co-authors is given.

Text Data

Coverage: This is an elementary handbook on photography for amateur photographers. It gives all the necessary principals of photography as well as practical hints for taking pictures, developing, enlarging and printing. It also outlines most commonly used cameras, lenses, and other photographic equipment. Cameras and lenses of Russian make are shown and some data given. However, essentially they

GORODNITSKIY, M.A., inzhener (Leningrad).

"Technology of the printing industry, second volume; technology of illustrated printed material." Yu. I. Zolotnitskii, V.V. Pus'kov, A.P. Safonov, N.I. Siniakov. Reviewed by M.A. Gorodnitskii. Poligr. proiz. no.5:25-29 My '53. (MLRA 6:6)  
(Printing industry) (Zolotnitskii, Yu.I.) (Pus'kov, V.V.)



PUS'KOVA, V. V.

"Brief Photographic Handbook". This book is a second edition, written under the direction of Doctor of Technical Science, V. V. Pus'kova. The book was printed in Moscow, 1953. It is concerned with lenses, cameras, and developing processes.

XXX-2

L 11242-66 EWT(m)/T WE

ACC NR: AP6001883

SOURCE CODE: UR/0065/65/000/012/0048/0051

AUTHOR: Puskunov, V. A.; Englin, B. A.

44,55 44,55  
40  
B

ORG: none

TITLE: Flow of T-5 type [jet] fuels through a filter

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 12, 1965, 48-51

TOPIC TAGS: jet fuel, filtration/T 5 jet fuel

ABSTRACT: A study has been made of the filterability of T-5 type, high-boiling jet fuels. The experiments were carried out in a special apparatus using an FG-25 aviation filter, briefly described in the source, with pre-filtered fuels with or without 0.3% cellosolve anti-icing additive. The criterion of filterability was the temperature at which a flow rate of 4 kg/sec at a pressure drop of 6 kg/cm<sup>2</sup> max across the filter was attained. It was found that filtration difficulties due to viscosity proper arise when viscosity rises to 250-280 cs. Filtration difficulties at lower viscosities are mainly due to the precipitation of ice crystals or high-boiling hydrocarbons. Anomalous viscosity, which is typical of oil fractions and diesel fuels, is also in evidence in T-5 type jet fuels. Cellosolve, an anti-icing additive for T-1 type jet fuels, is also suitable for T-5 fuels. Orig. art. has: 2 figures and 3 tables. [SM]

SUB CODE: 21/ SUBM DATE: none/ ORIG: 004/ OTH REF: 001/ ATD PRESS: 4173

Card 1/1 HW UDC: 665.521.3

PUSPOKI, GY.

"Soviet experiences with the use of light additive materials." p. 171.

EPITOANYAG. (Eptoanyagipari Tudomanyos Egyesulet). Budapest, Hungary,  
Vol. 11, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.



HUNGARY

KOVER, Gyorgy, HAZZA, Tibor, PUSPOKI, Gabriella; Medical University of Budapest, Institute of Physiology (Budapesti Orvostudományi Egyetem, Élettani Intézet).

"Renal Function in the Rat During Obstruction of the Ureter."

Budapest, Kisebélés Orvostudomány, Vol XVIII, No 5, Oct 66, pages 531-535.

Abstract: [Authors' Hungarian summary] 1) The extent of GFR was studied in the rat during ureteral obstruction in the presence of various degrees of hydration. 2) It was found that non-hydrated (control) animals had a GFR value of 0.131 ml/min; in physiological salt diuresis, the GFR value was 0.129 ml/min and in water diuresis it was 0.106 ml/min. 3) In osmotic diuresis produced with Mannit, the GFR value in the kidney with obstructed ureter drops to 7-8 per cent of the normal value (0.0237 ml/min). 4) The mechanisms are discussed which may insure glomerular filtration during ureteral obstruction. 5) A simple method is described which is suited for the study of glomerular filtration during ureteral obstruction and the nature of the necessary calculations is also presented. 3 Hungarian, 12 Western references. [Manuscript received 17 Nov 65.]

1/1

APOLLONOVA, L.P., red.; VAYMBOYM, V.S., red.; VASILEVSKIY, D.P., red.;  
VROBLEVSKIY, A.A., red.; GRIBKOVA, S.A., red.; GRIGORASH, G.L.,  
red.; KAZNACHEY, B.Ya., red.; PARKHOMENKO, V.I., red.; FUSSET, L.A.,  
red.; REGIRER, Ye.I., red.; ROZENBLAT, M.A., red.; MALKYEL', B.Z.,  
red.

[Methods for testing magnetic tape recorders] Metodika ispytania  
magnitofonov. Moskva. 1958. 78 p. (Akademiia nauk SSSR, Morskoi  
gidrofizicheskii institut. Trudy, vol. 14). (MIRA 12:7)  
(Magnetic recorders and recording--Testing)

PROCESSES AND PROPERTIES INDEX

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

SA A 53

1

535.422

6900. Diffraction of homocentric rays. L. A. Puznet. J. Exp. Theor. Phys., USSR, 20, 722-8 (Aug., 1950) In Russian.

An exact solution near the focus with arbitrary wavelength is given. The field is completely determined by the known intensity and polarization of the illuminated part of a sphere of large radius surrounding the centre of the ray. J. Jacobs.

METALLURGICAL LITERATURE CLASSIFICATION

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

PUSSET, L.A. (Moskva)

A type of autovibration in systems with controlled angular coordinates.  
Izv.AN SSSR Otd.tekh.nauk no.9:24-30 S '56. (MIRA 9:9)  
(Automatic control) (Vibration)

PUSSET, L. A.

3  
1-F/W

Pussët, L. A. On a type of auto-oscillations in systems with regulated angular coordinate. Izv. Akad. Nauk SSSR. Otd. Tehn. Nauk 1956, no. 9, 24-30. (Russian). A study of the stability of a system characterized by the equation:

$$I\ddot{\varphi} + R\dot{\varphi} + K\varphi = F \sin(\omega t + \varphi),$$

Math

where  $I, R, K, F,$  and  $\omega$  are constants. Linearizing this equation and expressing its solution as a power series in a parameter, the author obtains a form of Hill's equation whose stability is investigated by a method analogous to that used by Stoker [Nonlinear vibrations in mechanical and electrical systems, Interscience, New York, 1950; MR 11, 666]. Stability regions for this equation are derived and stated in terms of the parameters of the original equation. L. A. Zadeh (New York, N.Y.).

Emil

PUSSET, L.A.

Source: Mathematical Reviews, Vol 18 No. 5

Pusset, L. A. Diffraction of a homogeneous beam. Akad. Nauk SSSR. Zhurnal Eksper. Teoret. Fiz. 20, 722-728 (1950). (Russian)

The beam is derived from a single spherical wave-function  $\psi = (e^{-i\alpha r}/R)u(\theta, \varphi)$ , where

$$\sin \theta (\partial/\partial \theta) (\sin \theta u/\partial \theta) + \partial^2 u/\partial \varphi^2 = 0,$$

and lies entirely on one side of a plane through the vertex. The field-vectors are  $H = iN_0$ ,  $E = (k/\omega\mu)M_0$ , where

$$M_0 = (e^{-i\alpha r}/R) \left( 0, -i \frac{\partial u}{\partial \theta}, -\frac{i}{\sin \theta} \frac{\partial u}{\partial \varphi} \right),$$

$$N_0 = (e^{-i\alpha r}/R) \left( 0, \frac{1}{\sin \theta} \frac{\partial u}{\partial \varphi}, -\frac{\partial u}{\partial \theta} \right).$$

[cf. Stratton, Electromagnetic Theory, McGraw-Hill, New York-London, 1941, pp. 394, 415; the author refers to a Russian translation of this work]. The transformation  $x = \tan(\theta/2) \cos \varphi$ ,  $y = \tan(\theta/2) \sin \varphi$  exhibits  $u$  as a harmonic function of  $x$  and  $y$ . This is used to show that the field is finite everywhere, except at the vertex. It is also pointed out that the field is transverse. The author then considers boundary problems for the illuminated portion of a sphere, centre at the vertex. By the theory of Neumann's problem, the field-vectors along the boundary of such a portion are more than sufficient to determine the field within. The author suggests, without formal proof, that "generally speaking" the field will be determined by specification of the light intensity and polarisation along the boundary. Finally, he associates with such a beam a field which is finite everywhere; this problem derives from optical systems but is not formally posed. He uses formulae due to Kortler which are, with certain discrepancies, (30) and (31) of Stratton [loc. cit., p. 469]. The nature of this field is examined for distances large compared to the wave-length. F. V. Atkinson (Bardonia).

38076. PUSSET, L. A.

Dempfiruyushchee trenie sharikovykh podshipnikov zvukovykh blokov. soobshch.  
129. trudy nikfi (nauch.-issled, kinofoto in-t), vyp. 10,1949, c. 161-65.

PUSSET, L. A.

"Stabilizers for the Speed of Phonograms," Moscow, 1949.

"Diffraction of Homocentric Ray," Zhur. Eksper, i Teoret. Fiz., 20, No. 8, 1950.



*Pusset, L.A.*

Call Nr: AF 1154945

AUTHORS: Parfent'yev, A. I., Pusset, L. A.

TITLE: Physical Principles of Magnetic Sound Recording  
(Fizicheskiye osnovy magnitnoy zapisi zvuka)

PUB.DATA: Gosudarstvennoye izdatel'stvo tekhniko-teoreticheskoy  
literatury, Moscow, 1957, 323 pp., 7,000 copies

ORIG.AGENCY: None given

EDITORS: Ed.-in-Chief: Marsov, S. V.; Tech. Ed.: Akhramov, S. N.;  
Reviewer: Secheyko, L. A.

PURPOSE: This monograph is intended for engineers and scientific  
workers engaged in the study of sound recording and  
the registration of vibratory processes by magnetic means.

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Call Nr: AF 1154945

Physical Principles of Magnetic Sound Recording (Cont.)

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