

SHAKHUNYANTS, G.M.. professor, doktor tekhnicheskikh nauk; RAY, S.M.,
kandidat tekhnicheskikh nauk, redaktor; VERINA, G.F., tekhnicheskii redaktor

[The roadbed of railroads; problems of planning and calculation]
Zemliance polotno zheleznykh dorog; voprosy proektirovaniia i
rascheta. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 827 p.
(Railroads--Track) (MLRA 7:8)

PROLOV, A.M., zasluzhennyy deyatel' nauki i tekhniki; RAK, S.M., kandidat tekhnicheskikh nauk, redaktor; KHITROV, P.A., tekhnicheskii redaktor.

[Methods of guaranteeing the stability of ground earthwork] Mery obespecheniia ustoiichivosti zemlianykh mass i socruzhenii. Moskva, Gos. transportnoe zheleznodorozhnoe izd-vo. Vol.2. 1954. 319 p.

1. Deystvitel'nyy chlen Akademii nauk USSR (for Prolov)
(Railroads--Earthwork)(Soil stability)

GOL'DSHTEYN, M.N., professor, redaktor; RAK, S.M., kandidat tekhnicheskikh nauk, redaktor; BOBROVA, Ye.N., tekhnicheskii redaktor

[Problems in soil engineering] Voprosy geotekhniki. Pod red. M.N. Gol'dshteina. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 193 p.
(MLRA 10:3)

1. Dnepropetrovsk. Institut inzhenerov zheleznodorozhnogo transporta imeni L.M.Kaganovicha.
(Soil mechanics)

GUMENSKIY, Boris Mikhaylivich, professor, doktor geologo-mineralogicheskikh nauk; RAK, S.M., kandidat tekhnicheskikh nauk, redaktor; KHITROV, P.A., tekhnicheskii redaktor

[Principles of geology for railroad builders] Osnovy geologii dlia stroiteloi zheleznykh dorog. Moskva, Gos.transp. zhel-dor. izd-vo, 1955. 260 p. (MIRA 9:3)
(Geology) (Railroads--Construction)

RAK, S. M., kand. tekhn. nauk

Measures for improving the roadbed foundation. Put' 1 put.
khoz. 6 no.8:24-25 '62. (MIRA 15:10)

(Railroads--Maintenance and repair)

RAK, S.M., kand.tekhn.nauk

"Thixotropy of soil and its calculation in the construction of roads and bridges" by [prof.] B.M.Gumenskii, [inzh.] G.F. Novozhilov, Reviewed by S.M.Rak. Transp. stroi. 12 no.8: 59-60 Ag '62. (MIRA 15:9)
(Soil mechanics) (Gumenskii, B.M.) (Novozhilov, G.F.)

KOZHEVNIKOV, K.I.; RAK, S.M., kand. tekhn. nauk, retsenzent; AVRANOVA, S.V., inzh., retsenzent; SURODEYEV, V.P., inzh., red.; VOROTNIKOVA, A.F., tekhn. red.

[Tables for the laying out of railroad roadbeds and earth embankments of regulation structures] Tablitsy dlia razbivki zheleznodorozhnogo zemlianogo polotna i zemlianykh damb reguliatsionnykh sooruzhenii. 3. izd., dop. i perer. Moskva, Vses. izdatel'sko-poligr, ob"edinenie M-va putei soobshcheniia, 1962. 178 p.

(MIRA 15:3)

(Railroads--Earthwork)

GRUSHEVOY, Nikolay Gavrilovich; RAK, S.M., kand.tekhn.nauk, red.;;
KHITROV, P.A., tekhn.red.

[Roadbed of foreign railroads] Zemliance polotno zarubezhnykh
zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr.ob'edinenie
M-va putei soobshcheniia, 1961. 139 p.

(MIRA 14:6)

(Railroads—Track)

BOGOSLOVSKIY, Vyacheslav Aleksandrovich, inzh.; PERSHIN, Sergey
Petrovich, inzh.; RAK, S.M., kand.tekhn.nauk, red.; KHITROV, P.A.,
tekhn.red.
[Rubble and gravel plants in the railroad transportation system]
Shebenochnye i graviyne zavody na zheleznodorozhnom transporte.
Moskva, Gos.transp.zhel-dor. izd-vo, 1958. 326 p. (MIRA 11:12)
(Sand and gravel plants)

RAK, S.M. kandidat tekhnicheskikh nauk; SOROKIN, N.N., inzhener; KHITROV, P.A.,
tekhnicheskiiy redaktor.

[Soil compaction methods for embankments. Rock excavation in
boring and blasting work; practices in foreign countries] Metody
uplotneniia nasypei. Skal'nye i buro-vzryvnye raboty; iz opyta
stroitel'stva za rubezhom. Moskva, Gos.transp.zhel-dor.izd-vo,
1957. 166 p. (MIRA 10:11)

1. Moscow. Vsesoiuznyy nauchno-issledovatel'skiy institut transportnogo
stroitel'stva.

(Boring) (Earthwork) (Blasting)

FROLOV, Aleksandr Matveyevich; PODVYAZKIN, Konstantin Alekseyevich, kandidat
tehnicheskikh nauk; BAK, S.M., kandidat tehnikeskikh nauk, redak-
tor; STIKHNO, T.V., tekhnicheskiiy redaktor;

[Protection of river banks and slopes] Ukreplenie rachnykh beregov
i zemlianykh otkosov. Moskva, Gos.transp.zhel-dor. izd-vo, 1957.
86 p. (MIRA 10:7)

1. Deystvitel'nyy chlen Akademii nauk USSR (for Frolov)
(Embankments) (Shore protection)

DENISOV, Nikolay Yakovlevich; RAK, S.M., redaktor; FRIDKIN, A.M.,
tekhnicheskiy redaktor

[Structural properties of clays and their use in hydraulic engineering
construction] Stroitel'nye svoystva glinistykh porod i ikh ispol'zov-
vanie v gidrotekhnicheskoy stroitel'stve. Moskva, Gos. energ. izd-vo,
1956. 287 p. (MLRA 10:1)
(Clay)

L 23582-65 EWT(m)/EPF(c)/EPR/EWP(j) Pc-4/Pr-4/Ps-4 RFL WH/RM

ACCESSION NR: AP4049384

Z/0009/64/000/011/0603/0604

AUTHOR: Rak, V.

TITLE: Fluorination of xylene with cobalt trifluoride

21
-3
B

SOURCE: Chemicky prumysl, no. 11, 1964, 603-604

TOPIC TAGS: perfluorodimethylcyclohexane, xylene fluorination, cobalt fluoride, uranium purification, plutonium purification

ABSTRACT: One of the proposed methods of separating UF_6 from PuF_6 is by distillation from appropriate solvents. Perfluorodimethylcyclohexane is well suited for this purpose due to its convenient boiling point. The author therefore describes apparatus and conditions for its preparation by fluorination of xylene with cobalt trichloride: $CoCl_2$ is reacted with anhydrous HF at 400C to form CoF_2 , which is oxidized with F_2 at 250-300C to CoF_3 . Then xylene is added slowly (0.1 g/min.), the temperature in the top and bottom halves of the reactor being maintained at 190-200C and 350-360C, respectively. The bottom layer is neutralized with $NaHCO_3$, washed and dried over P_2O_5 . Fractionation and redistillation yields a pure 1,4-isomer, b.p.101C, $n=1.2900$. Orig. art. has: 2 figures and 1 table.

Card 1/2

L 23582-65

ACCESSION NR: AP4049384

ASSOCIATION: Ustav jaderného výzkumu, CSAV, Rez u Prahy (Institute of Nuclear Research, Czechoslovak Academy of Sciences)

SUBMITTED: 28Jan64

ENCL: 00

SUB CODE: OC, GC

NO REF SCV: 000

OTHER: 007

Card 2 / 2

RAK, Vaclav

Fluorination of xylene with cobalt fluoride. Chem prum 14 no.11:603-604
N '64.

1. Institute of Nuclear Research, Rez near Prague.

ACC NR: AP6031806

SOURCE CODE: BU/C011/65/C18/C09/C837/C840

AUTHOR: Rakadjieva, A.; Meloun, B. 26

ORG: Institute of Organic Chemistry, BAN B

TITLE: Structure of certain peptides isolated from tryptic hydrolysate of dolphin myoglobin

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 9, 1965, 837-840

TOPIC TAGS: molecular structure, organic crystal, hydrolysis, chemical separation, filtration, organic chemistry

ABSTRACT: Following the determination of the primary structure of sperm whale myoglobin by A. B. Edmundson and C. H. W. Hirs (J. Mol. Biol., 5, 1962, 6, 663) numerous researchers began comparative study of the myoglobin of different animal species with the hope of uncovering the laws governing the structure of myoglobin molecules. The authors investigated the dophin myoglobin by subjecting the main crystal myoglobin component to hydrolysis with trypsin, separating the peptides (28 of them), and purifying them by filtration. The paper concludes by a comparison of these peptides with those from the sperm whale myoglobin. This paper was presented by Corresponding Member BAN B. Kourtev on 31 May 1965. Orig. art. has: 2 figures and 2 tables. [Orig. art. in Eng.] [JPRS: 34,518]

SUB CODE: 07 / SUBM DATE: 31May65 / OTH REF: 013

Card 1/1 0914 0333

RAKAJ, N.

How to improve our fisheries. p. 1

TEKNIKA. (Ministria Industri-Miniëra dhe Ndërtim-Komunikacion) Tirane, Bulgaria.
(Issued by the Ministry of Industry and Mining and the Ministry of Construction
and Communication. Bimonthly) Vol. 5, (i.e. 6) no. 3, May/June 1959

Monthly List of East European Accessions (EEAI), IC, Vol. 8, no. 11, Nov. 1959
Uncl.

1ST AND 2ND ORDERS
PROCESSES AND PROPERTIES INDEX

11-H

ca

Symptoms of acute illuminating-gas poisoning. Pal Rákai. (Szent Rákus Kórház, Budapest, Hungary). *Orvostud. Lapja és Népegészségügy* 3, 2023 6(1917). The poisonous effect of illuminating gas increases with the content of CO. The toxicity of CO is not due entirely to its effect of sepp. O from oxymoglobin; there is also a direct toxic effect. CO seems to have no specific affinity for the extrapyramidal system. The increase of blood sugar content and appearance of sugar in the urine does not measure the severity of the intoxication, but is generally connected with the age of the persons.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

GROUPS

1ST AND 2ND ORDERS

GROUPS

GOLDSCHMIED, A; RAKALSKA, Z.

Therapeutic action of prolonged sleep in peptic ulcers. Polski
tygod. lek. 7 no.3-4:57-61 21 Jan 1952. (CML 22:2)

1. Of the First Clinic of Internal Diseases (Head--Prof. Aleksander
Goldschmied, M. D.) of Lublin Medical Academy.

CAKALA, Stanislaw, KAKALIA, Zofia

Experimental pinealectomy in one rat. Acta psychol. 31. 15
no.4:1589-592 Ji-Ag '64

1. Z Pracowni Fizjopatologii Instytutu Weterynarii w Wlawaach
(Kierownik: dr. S. Cakala) i z Zakladu Farmakologii Doświadczalnej
i Lecznictwa Instytutu Weterynarii w Wlawaach (Kierownik: doc.dr.
T. Juszkiewicz).

GOLDSCHMIED, Aleksander; RAKAJSKA, Zofia; TALIKOWSKI, Wacław; BODZINSKA, Irena

Effect of intra-oral bile on the course of infectious jaundice. Polski tygod. lek. 12 no.34:1319-1320 19 Aug 57.

1. (Z Oddziału zółtaczek Kliniki Chorob Zakaznych A.M. w Łodzi; ówczesny kierownik Kliniki: prof. dr A. Goldschmied). Adres: Warszawa, ul. Kasprzaka 17; III Zakład Chorob Wewn. Instytutu Dosk. i Specj. Kadr Lek.
(BILE, therapeuticuse,
hepatitis, infect., intra-oral admin. (Pol))
(HEPATITIS, INFECTIOUS, therapy,
bile, intraoral admin. (Pol))

RAKALSKA, Zofia

Observations on the effect of sleep therapy on liver function, water metabolism, and glycemias. Ann. Univ. Lublin; sec.D 7 no.11-21: 253-261 1952.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie.
Kierownik: prof. Dr Aleksander Goldschmied.

- (LIVER, physiology,
eff. of sleep ther.)
- (BODY FLUIDS, metabolism,
eff. of sleep ther.)
- (BLOOD SUGAR,
eff. of sleep ther.)
- (SLEEP, effects,
on blood sugar, liver funct. & water metab.)

RAKAMARIC, Milorad, inz.

Boats with submerged wings. (To be contd.) Brodogradnja
8 no.3:119-129 '57.

НАКАЗНИК, Милорад, дип. инж.

Tenta International Towing Tank Conference. Brocogradnja 14 no.
6.190-220 '63.

RAKAMARIC, Milorad, inz.

Boats with submerged wings. (Conclusion) Brodogradnja
8 no.4:149-158 '57.

BELYY, V. D., RAKANT, I. I., LYAKHOVITSKIY, S. I.

Coal Mines and Mining

Discussion of B. N. Liubimov's article on mine parachutes. Ugol' 27 no. 5
(314) (1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1957~~, Uncl.

RAKAR, Z.

TECHNOLOGY

RAKAR, Z. Our terms of materials and equipment. p. 47

Vol. 15, no. 1, Jan. 1959

Monthly List of East European Accessions (MEAI) LC, Vol. 8, no. 3
March 1959 Unclass

RAKAR, Z.

The occurrence of cracks in boiler no. 6550 lok. 38-051. p. 19.
(Zeleznice, Vol. 13, no. 3, March 1957. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7,
July 1957. Uncl.

RAKAR, Z.

"Increased Safety Of Railroad Traffic And Cheaper Exploitation Through A Checkup Of The Quality Of Rolling Stock, Rails, and Equipment" p. 184. (Zeleznice, Vol. 9, no. 6, June, 1953, Beograd.)

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

TOLEVA, N.; TOLEV, Iv.; RAKAROVA, N.

Inhibiting effect of schizandrin oil on tuberculous bacteria.
Dermato vener Sofia 2 no.1:21-23 '63.

1. From the Chair of Essential Oils at the Higher Institute of Food and Spice Industry, Plovdiv (Head of the Chair: Topalov, P., [dots.]), Chair of Skin and Venereal Diseases at the Higher Medical Institute, Plovdiv (Head of the Chair: Prof. B. Suchvarov), and City Antituberculous Dispensary, Plovdiv (Chief Physician: Dr. Akabaliiev).

L 17733-66 EWT(m)/ETC(f)/EWG(m)/EWP(t) LJP(c) RDW/JD/GS

ACC NR: AT6001345

SOURCE CODE: UR/0000/65/000/000/0164/0167

55
53
B+1

AUTHOR: Kaminskas, A. I.; Rakauskene, B. K.

ORG: *none*

TITLE: The effect of x-ray irradiation on the photosensitivity of selenium

27

SOURCE: AN AzerbSSR. Institut fiziki. Selen, tellur i ikh primeneniye (Selenium, tellurium and their utilization). Baku, Izd-vo AN AzerbSSR, 1965, 164-167

TOPIC TAGS: selenium, photoelectric effect, x ray irradiation, metal physics, photosensitivity

ABSTRACT: Amorphous selenium layers deposited on metallic substrates in vacuo at 60°C were measured for photoelectric effect after exposure to x-rays according to the following parameter:

$$\alpha = (I_{f_0} - I_f) / I_{f_0},$$

where I_{f_0} is the photocurrent at the start of measurements, and I_f is the photocurrent at a determined point of relaxation. The measurements were made on a galvano-

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L 17733-66
ACC NR: AT6001345

meter at constant voltage (100 v). X-rays were supplied by a RUP-200-20 apparatus, ²⁸ ² 10
for doses up to 30 r/min. Relaxation curves for various thicknesses of selenium, showing a decrease in current as a function of time are given. The dependence of the remanence (α) on dosage (r) was a linear increase for 50 μ thicknesses, the maximum attained being 25%, while at 98 and 160 μ a maximum of 60% was reached. Remanence decreased rapidly with dosage rate (r /min) in the 1 to 10 r/min range and very slightly from 10 to 25 r/min, although it was always higher for thicker samples. The effects of temperatures of 20 and 50°C on remanence were also established; remanence, measured as a function of time at these temperatures, was found to decrease more rapidly at the higher temperature. The phenomenon was explained by defects, introduced by the radiation, which interfered with the free flow of current. The capture of charged carriers by these defects takes place with great intensity at the start whereupon the effect saturates due to the filling up of the traps; this accounts for the saturation of the remanence. Orig. art. has: 5 figures, 1 equation.

SUB CODE: 11, 20/ SUBM DATE: 10Mar65/ ORIG REF: 003/ OTH REF: 002

Card 2/2 TS

RAKAUSKAS, I.A.

New biological institutes in the Lithuanian Academy of Sciences.
Vest.AN SSSR 30 no.6:99-100 Je '60. (MIRA 13:6)
(LITHUANIA---BIOLOGICAL RESEARCH)

RAKAUSKAS, P., mladshiy nauchnyy sotrudnik

Pea pests in the Lithuanian S.S.R. Zashch.rast.ot vred.i bol. 7
no.6:28-29 Je '62. (MIRA 15:12)

1. Institut zoologii i parazitologii AN Litovskoy SSR.
(Lithuania--Peas--Diseases and pests)
(Lithuania--Insects, Injurious and beneficial)

GALEVICIUS, P.

- Injurious insects of pea pods. Liet. moksl. darbai B no.4:209-220 '59
(REAI 9:3)
1. Lietuvos TSR Mokslu akademijos Biologijos institutas.
(Lithuania-- Peas) (Lithuania-- Insects)

L 29610-66 EWP(j)/EWI(m) IJP(c) RM
ACC NR: AT6012818 SOURCE CODE: UR/2910/65/005/001/0095/0104

AUTHOR: Rakauskas, R. I.; Rakauskas, R.; Balyavichyus, M. Z.; Bolotin, A. B.;
Balevicius, M.; Bolotinas, A.

39
36
B+1

ORG: Vilnius State University im. V. Kapsukas (Vil'nyuskiy Gosudarstvennyy universitet)

TITLE: Use of the self-consistent field method for aromatic molecules. 1. The case of the asymmetric molecule

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik, v. 5, no. 1, 1965, 95-104

TOPIC TAGS: aromatic hydrocarbon, Hamiltonian, electron, ground state

ABSTRACT: The authors solve self-consistent field equations for the ground state of the 1,2-benzanthracene molecule for π -electrons in the "zero differential overlap" approximation. The eigenfunctions of the effective single-electron Hamiltonian for the molecular calculations are given in the form of a linear combination of atomic orbitals. The resultant functions were used for studying the excited state of the molecule in the mono- and multiconfigurational approximations. The numerical

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ACC NR: AT6012818

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results are tabulated for the 1,2-benzanthracene¹¹ molecule. The theoretical results are compared with experimental data where possible. All calculations were done on a BESM-2M computer. The comparison indicates that the choice of numerical values for the empirical parameters is essentially correct. However, the process of calculating the single-electron functions and corresponding energy levels showed that the numerical values of the energy levels are extremely sensitive to the selection of these parameters. In conclusion the authors consider it their pleasant duty to thank Professor A. P. Yutsis for examining the manuscript and for his helpful comments, and I. V. Batarunas for his cooperation in bringing the work to a rapid conclusion. Orig. art. has: 2 figures, 4 tables, 26 formulas.

SUB CODE: 20/ SUBM DATE: 06Jun64/ ORIG REF: 002/ OTH REF: 008

Card 2/2 CC

ACC NR: AT6023217 SOURCE CODE: UR/2910/65/005/003/0305/0313

AUTHOR: Rakauskas, R. I. -- Rakauskas, R.; Bolotin, A. B. -- Bolotnas, A. 46
43
BT

ORG: Vil'nyus State University im. V. Kapsukas (Vil'nyusskiy Gosudarstvennyy universitet)

TITLE: Calculation of multicenter integrals in the theory of complex molecules. I.
Transformation of the atomic function to another center

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik. v. 5, no. 3. 1965, 305-313

TOPIC TAGS: complex molecule, molecular theory, molecular structure

ABSTRACT: A formula is derived which makes it possible to represent the atomic orbitals localized at one of the centers in terms of quantities pertaining to another center. This result permits reducing any multicenter integral encountered in the theory of complex molecules to one center and the angular variables will be separated from the radial variables in this integral. Furthermore, the quantities characterizing the arrangement of the centers, i.e., the structure of the molecule, is presented in explicit form in the formulas of the multicenter integrals. There is no need to examine separately the problems of the conversion of an infinite series determining the function. However, when calculating the matrix elements of various operators these problems should be examined without fail. It is natural that the con-

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L 35512-86

ACC NR: AT6023217

vergence of the derived series depends both on the distance between centers and on the transformed atomic orbitals. Using the Fourier transformation and plane wave expansion in spherical harmonics, the Slater atomic wave function about another center is expanded. On the basis of the proposed method a program is set up for calculating the numerical values of the Slater-type wave functions transformed to another center on an electronic computer. The authors thank Prof. A. P. Yutsis for his attention to the work and Docent V. K. Shugurov and Candidate of Physico-Mathematical Sciences A. A. Bandzaytis for useful discussions. Orig. art. has: 38 formulas.

SUB CODE: 20/ SUBM DATE: 12Nov64/ ORIG REF: 007/ OTH REF: 016

Card

2/2 MLP

KAMINSKAS, A.I.; KAVALYAUSKAS, R.A. [Kavaleuskas, R.]; BAKAUSKAS, Yu.K.
[Bakauskas, J.]

Spectral sensitivity of selenium electroradiographic plates.
Zhur. nauch. i prikl. fot. i kin. 9 no.3:189-191 My-Je '64.
(MIRA 18:11)
1. Nauchno-issledovatel'skiy institut elektrofotografii, Vil'nyus.
Submitted April 28, 1963.

L 1066-66 EWT(1)/EWT(m)/ETC/EWG(m)/T/EWP(t)/EWP(b)/EED(b)-3 IJP(c) RDW/JB

ACCESSION NR: AP5023983

UR/0077/65/010/005/0391/0392
772.93:778.33

49
46
B

AUTHOR: Kaminskas, I.; Kavalyaruskas, R. A.; Rakauskas, Yu. K.

TITLE: Shape of the isopaque of selenium electrooentgenographic plates

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 10, no. 5, 1965, 391-392

TOPIC TAGS: x ray photography, electrophotography, photographic emulsion, selenium

ABSTRACT: For electrooentgenographic plates, the isopaque is defined as the dependence of the log of the dose of radiation necessary for attaining a selected potential of the electrooentgenographic emulsion on the log of the dose of x-radiation. In the results given in the paper, the dose of radiation necessary for reducing the potential from 600 V (starting potential) to 300 V was taken. Isoopaques for selenium electrooentgenographic plates exposed to x rays generated at tube voltages of 20, 60, and 130 kV were recorded, and their shape was found to be the same as for illumination with visible light. This indicates that the mechanism of formation of the latent electrophotographic image in illumination with x rays

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L 1066-66

ACCESSION NR: AP5023983

and visible light is basically the same. Orig. art. has: 1 figure, 1 formula.

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrografii, Vilnyus (Scientific Research Institute of Electrography)

SUBMITTED: 10Mar65

ENCL: 00

SUB CODE: GP, OP

NO REF SOV: 004

OTHER: 000

Card 2/2 DP

RAKAUSKAYTE, D. A.

COUNTRY :
 CATEGORY : Farm Animals.
 Cattle.
 ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25836
 AUTHOR : Belikova, L. A.; Dmitrakova, N. S.;*
 Moscow Technological Institute of Meat and**
 The Correlation of Live Weight and Milk Yield
 of Cows.
 ORIG. PUB. : Sb. stud. rabot Mosk. tekhnol. in-t myasn. i
 molochn prom-sti, 1958, vyp. 5, 111-112
 ABSTRACT : As a result of studying 1,908 Kholmogerskaya
 (Kh), 1,095 Kostromskaya (K) and 417 Simmen-
 thal (S) breed cows it was determined that
 when the cows' live weight amounted to 401-
 450 kg, the milk yield of K amounted to 3,377,
 of Kh to 3,146, of S to 2,637 kg, correspon-
 dingly at a live weight of 501-550 kg it amoun-
 ted to 4,186, 3,854 and 3,136 kg, and at a
 live weight of 701-750 kg to 6,498, 5,842 and
 3,362 kg.

Card:

1/1

*Rakauskayte, D. A.

RAKAVA, Ya.

Great talent. Rab. i sial. 34 no. 11:21-22 N '58. (MIRA 11:12)
(Borodin, Aleksandr Forfir'evich, 1833-1887)

RAKAVA, Ye.

With the people in his heart; on the 75th anniversary of M.P.
Musorgskii's death. Rab. i sial. 32 no.3:20 Mr '56.(MIRA 9:7)

(Musorgskii, Modest Petrovich, 1839-1881)

CHECOSLOVAKIA

Lt Col Anton RAKAY, MD, Major Jiri SALZMANN, MD, Col Ondrej HALAK, MD,
and Lt Col Dušan SKOČKA, MD, Military Institute for Pulmonary Diseases
(Vojenský ústav pro choroby plicne,) Nova Paltanka.

"Incidence and Prevention of Tuberculosis in Quartermaster Service."

Strana, Vojenske zdravotnicke listy, Vol 31, No 3, Oct 62; pp 207-210.

Abstract [English summary modified]: At the military tuberculosis
sanatorium in Nova Paltanka 1956-1961, 12 of all admissions were from
quartermaster corps. These are analyzed in detail. Careless application
of regulations rather than inadequacy of regulations resulted in
occurrence of clinical tuberculosis in food-handling military personnel;
most cases should have been ineligible for quartermaster service in the
first place. Average duration of disability in the 24 cases was 19
months; 17 (including 7 of the 14 regular army) were discharged from
military service; only 5 were eventually (reluctantly) returned to
qualified duties in QMC. Three Czech references.

L 35380-66

ACC NR: AP6026852

SOURCE CODE: CZ/0060/66/000/002/0084/0087 29

AUTHOR: Rakay, Anton (Lieutenant colonel; Doctor of medicine); Halak, Ondrej—Galak,
O. (Colonel; Docent; Doctor of medicine; Candidate of sciences); Kostolny, Imrich—
Kostol'nyy, I. (Docent; Doctor of medicine)

ORG: Military Institute for Lung Diseases /headed by Colonel, Docent, Doctor of
Medicine, Candidate of Sciences O. Halak/, Nova Polianka (Vojensky ustav pre choroby
plucne); Second Surgical Clinic /headed by Academician, Professor, Doctor of Medicine
K. Siska/, Bratislava (II. chirurgicka klinika)

TITLE: Lung resection in treatment of tuberculosis in active duty pilots

SOURCE: Vojenske zdravotnicke listy, no. 2, 1966, 84-87

TOPIC TAGS: aeromedicine, tuberculosis, surgery

ABSTRACT: A description of partial lung resections performed on
7 active-duty pilots who suffered from tuberculosis is given. The
operation is indicated in young pilots who have a single lung
affected and in whom antimicrobial treatment was not successful.
The resection should be radical enough, while as much lung paren-
chyma as possible should be saved. When there are no complica-
tions after the operation, the patient may return to active duty
after one year. [JPRS: 36,834]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 007

Card

1/1

UDC: 616.24-092.5-08-039.713: 358.4

Therapy

CZECHOSLOVAKIA

UDC 358.4.007:616.24-002.5-08-039.713

RAKAY, Anton; HALAK, Ondrej; Military Institute for Lung Diseases
(Vojensky Ustav pre Choroby Plucne), Nova Polianka.

"Results of Complex Treatment of Pulmonary Tuberculosis in Active
Pilots."

Prague, Vojenske Zdravotnicko Listy, Vol 35, No 3, Jun 66, pp
122 - 126

Abstract: An analysis of antimicrobial and surgical treatment of 23 Air
Force men who suffered from active lung tuberculosis is presented. At
the end of the healing process 62% of those treated with antituberculosis
antibiotics, and 80% of those who underwent lung resection were able to
resume flying duties. Possibility of resuming flying duties is substantial-
ly higher for those who suffer from the bacteria-negative tuberculosis form.
Treatment with antibiotics should always be extended for a long enough
period. 7 Tables, 9 Western, 1 Czech, 1 Russian reference.

1/1

RAKAY, A.

Apropos of anesthesia for guinea pigs. Bratisl. lek. listy 2
no. 11:666-672 '63.

1. Vojensky ustav pre choroby plucne v Novej Polianke; riaditel: MUDr. O. Halak, C.Sc.

*

RAKAY, A.; KJSTOLNY, I.; KORHON, M.; HALAK, O.; CHALUPOVA, E.; CHALUPA, M.;
SKOKNA, D.; SALZMANN, J.

Results of a study of the bronchi and peribronchial lymph nodes following
resection of the lungs in tuberculosis. Bratisl. lek. listy 42 no.10:
596-600 '62.

1. Z Vojenskeho ustavu pre choroby pl'ucne v Novej Polianke, riaditel'
MUDr. O. Halak a z II. chir. kliniky Lek. fak. Univ. Komenskeho v
Bratislave, prednosta akademiej K. Siska.
(TUBERCULOSIS PULMONARY) (BRONCHI) (LYMPH NODES)
(PNEUMONECTOMY)

8
HAL'ÁK, O., MD; KOSTOLNÝ, I; SKOKŇA, D; SALZMANN, J;
KÁKAY, A; CHALUPOVÁ, E; CHALUPA, M; KORHON, M., MD.

Czechoslovakia

VUCHP -- Nova Polianka (VUCHP -- novi Polianka);
Heau: O. HAL'AK, MD; Second Surgical Clinic
-- Bratislava (II. chirurgicki klinika -- Brati-
slava); Head: K. SIŠKA; Pathological-Anatomical
Ward of the military Hospital -- Ružomberk
(Patologickoanatomickí oddelenie vojenskej
nemocnice -- Ružomberk); Head: M. KORHON, MD.
- (for all)

Bratislava, Lekársky Obzor, No 1, 1963, pp 41-49

"The Selection and Indications for and Results of
the First One Hundred Lung Resections for Tuber-
culosis Performed at VUCHP NOVA POLIANKA."

KOSTOLNY, I.; RAKAY, A.

Resection of the lungs in silicotuberculosis. Bratisl. Lek. Listy 1
no.3:150-157 '62.

1. Z II chir. kliniky Lek. fak. Univ. Komenskeho v Bratislave, pred-
nosta akademik SAV K. Siska, a z Vojenskeho ustavu pre choroby plucne
v Novej Polianke, riaditel MUDr. O. Halak.

(PNEUMONECTOMY) (SILICOSIS compl)
(TUBERCULOSIS PULMONARY compl)

RAKAY, A.; KOSTOLNY, I.; KORHON, M.

Prognostic significance of bronchial and lymph node tuberculosis in lung resections. Bratisl. lek. listy 44 no. 4: 239-248 '64.

I. Vojensky ustav pre choroby plucne v Novej Polianke (riaditel: MUDr. O. Malak CSc.); II. chir. klinika Lek. fak. Univ. Komenského v Bratislave (veduci: akademik K. Siska) a Pat. anat. oddelenie Voj. nemocnice v Ruzomberku (veduci: MUDr. M. Korhon).

*

RAKCHEEVA, V. N.

Nazarov, I. N., Rakcheeva, V. N., Shmonina, L. L.- "Acetylene derivatives. 135. Rearrangement of the allyl system. 5. Exchange reactions of -dimethylallylchloride with amines, potassium cyanide, and salts of organic acids." (p. 611)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1952, Vol. 22, No. 4

RAKCHEEVA, V. N.

Nazarov, I. N., Azerbaev, I. N., Rakcheeva, V. N., "Acetylene derivatives: no. 64, regrouping the Allyl system." (p. 656)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1948, Volume 18, No. 4

RAKCHYEV, A.D.

Ore-bearing shales of Karabash region and their relation to sulfide mineralization processes. Vest.Mosk.un. 8 no.8:147-156 Ag '53. (MIRA 6:11)

1. Kafedra petrografii.
(Karabash region--Shale) (Shale--Karabash region) (Sulfides)

BRUNELLE, V. N.,
I. N. MELANOV, Ital./Classe Sci. enlm. 1946, 419-26.

WALSH, V. E.,
I. N. KALANOV, ZhORn 18, 407-13 (1948)

RAKCHYEV, A.A.

Torgovlia rybnymi tovarami (Trade in fishery products).
Moskva, Gostorgizdat, 1953. 88 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1954

SHEREDEKA, Ivan Andreyevich; RAKCHEYEV, Aleksandr Aleksandrovich; MAKSIMOVICH,
A.G., redaktor; SUDAK, D.M., tekhnicheskii redaktor

[Trade in fish and fish products] Torgovlia rybnymi i rybnymi tovarami.
Moskva, Gosizd-vo torg.lit-ry, 1957. 207 p. (MLR 18:18)
(Fishery products)

RAKCHEYEV, A.D.

Thermoluminescence of minerals and rocks and its importance for
geology. Geol.rud.mestorozh. no.5:84-95 S-0 '62. (MIRA 15:12)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
(Luminescence) (Minerals)

RAKCHYEV, A.D.

Listwanites in the area of Karabash and Kuznechikha deposits.
Sov. geol. no. 5:130-140 My '58. (MIRA 11:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Ural Mountains--Listwanite)

RAKCHYEV, A.D.

Dispersion measurements of the reflectivity of ore minerals. Geol.
rud. mestorozh. no.3:118-120 My-Je '60. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet.
(Minerals--Optical properties)

RAKCHEYEV, A. D.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Mineralogical and Geological Chemistry

5
② JPS

Ore-bearing schists of the Karabash region and their relation to processes of sulfide mineralization. A. D. Rakcheyev. *Vestnik Moskov. Univ.* 8, No. 8, Ser. Fiz.-Mat. i Estestven. Nauk No. 5, 147-56(1953).—The ore bodies of the Karabash region are considered to have been formed by a hydrothermal-metasomatic process. In their formation, rocks of both volcanic and tuffaceous-sedimentary origin have been subjected to ore displacement. Evidence of this is seen in the survival of fragments of the rocks in the ore bodies. The fact that the ore deposits always lie in hydrothermally transformed zones and the width of these zones is greatest near pyritic bodies suggests a genetic relationship between sericitization and ore mineralization.
Mary Alexander

EH

SVEDNIKOVA, O.L.; RAKHNEYEV, A.D.

Oxyheite from the Darasun ore zone (eastern Transbaikalia).
Dokl. AN SSSR 165 no.5:1164-1167 D '65. (MIRA 19:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Submitted June 23, 1965.

RAKCHYEV, A.D.

Metasomatic hematite and magnetite-hematite-quartz rocks in the
Karabash pyrite deposits of the Urala. Vest. Mosk. un. Ser. 4:
Geol.15 no.4:64-68 J1-Ag '60. (MIRA 13:10)

1. Kafedra petrografii Moskovskogo universiteta.
(Karabash Region (Ural Mountains)--Iron ores)

RAKCHYEYEV, A.D.

Characteristics of the distribution of pyrite bodies of the
Urals as revealed by the studies of the Karabash group of
deposits. Sov. geol. 5 no.7:94-113 JI '62. (MIRA 15:7)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Ural Mountains--Pyrites)

RAKCHYEV, A.D.

Study of the thermoluminescence of minerals and rocks. Biul.
MOIP. Otd.geol. 37 no.3:122-123 My-Je '62. (MIRA 15:10)
(Minerals) (Luminescence)

RAKCHAYEV, A.D.

Methods for obtaining the standard values of the reflectivity
of ore minerals. Geol. rud. mestorozh. 6 nos:88-92 Ja-F '64.
(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet.

5-3-12/37

AUTHOR: None given

TITLE: Chronicle of the Petrographic Section (Khronika petrograficheskoy seksii)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskii, 1957, No 3, pp 157-158 (USSR)

ABSTRACT: The following reports were delivered at a meeting of the Petrographic Section of the Moscow Society of Naturalists during the period from 7 February to 28 March 1957: T.V. Molchanova reviewed the book by Van-Bemmelen "Geology of Indonesia"; S.P. Gavrilova reviewed a number of publications by Soviet and foreign scientists on contact metamorphism; M.A. Favorskaya on "Petrography of Eruptive Rocks in Polymetal Deposits of Mexico"; Ye.A. Kuznetsov on some foreign publications of 1956 about African carbonatites; Ye.M. Epshteyn on "Province of Ultrabasic Rocks in the Northern Part of the Siberian Plateau"; A.D. Rakcheyev on "Some Weak Points of Metamorphism Hypothesis", and L.A. Milovanov reviewed 14 articles published in Nos. 9 and 10 of the Collection of L'vov Mineralogical Society for 1956.

AVAILABLE: Library of Congress
Card 1/1

RAKCHYEV, A.D.

Find of remains of placoderms and crossopterygians in the
Karabash area and the age of Karabash deposits. Sov.geol.
3 no.5:116-117 My '60. (MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.
Lomonosova.
(Ural Mountains--Geology, Stratigraphic)
(Fishes, Fossil)

MALYSHEVA, T.Ya. (Moskva); RAKCHEYEV, A.D. (Moskva)

Composition of the ore part of magnetite ore sinters. Izv. AN
SSSR. Otd. tekhn. nauk. Met. i gor. delo no.2:13-16 Mr-Ap '63.
(MIRA 16:10)

RAKCHYEYEV, A.D.; FOMIN, Yu.M.; BURIKOV, Ye.V.; GUBANOV, A.M.

New data on the age of pyrite mineralization of ore deposits in central Urals. Sov.geol. 1 no.7:148-150 J1 '58. (MIRA 11:11)

1. Moskovskiy gosudarstvennyy universitet im M.V. Lomonosova.
(Ural Mountains--Pyrites)

1. История создания и развития А.С.

2. История создания и развития А.С. of the banks in the Soviet
satellite deposits of the USSR. Sov. sys. ushob. rat. gal. f.
nat. 6 no. 509096 07 '65. (MIRA 18310)

3. История создания и развития А.С. and international financial institutions.

RAKCHEYEV, A. D.

RAKCHEYEV, A. D. "Metamorphism of Native Rock and Its Relationship to Pyrites and Polymetallic Ore Deposits in the Regions of Southern Kuznechikha and Karabash in the Central Urals." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1956. (Dissertation for Degree of Candidate in Geologicomineralogical Science)

So: Knizhaya Letopis', No. 17, 1956.

RAKCHYEV, A. D.

Metamorphism of rocks of the greenstone layer and its relation to
pyrite and copper-zinc mineralization in Southern Kuznechikha
deposits in the Central Urals. Sov. geol. no.51:189-223 '56. #
(Kuznechikha--Ore deposits) (Geochemistry) (MLRA 10:4)

RAKCHEYEV, N. (g.Torzhok)

Elimination of faults in the "Luch" television receiver. Radio
no.1:46 Ja '62. (MIRA 15:1)
(Television--Repairing)

SHCHERBAKOV, V. (Moskovskaya obl.); BOROVKOV, V.; KOZLOV, Yu. (st.
Alabushevo, Moskovskoy obl.); KOPEYKIN, V. (g. Pushkino);
KOLOBOV, I. (g. Leningrad); RAKCHEYEV, N. (g. Torzhok); MARTYNOV, K.

Repaired by amateurs. Radio no.8:47-48 Ag '61. (MIRA 14:10)
(Television--Repairing)

RAKCHYEV, S.

Hasten the formulation of instructions on state deliveries.
Fin. SSSR 17 no.12:72 D '56. (MLRA 10:1)

(Farm produce)

SECRET
[Faint, illegible text]

18002-65 EMT(d)/EWT(m)/ENP(w)/ENA(d)/ENP(v)/ENP(k)/EWA(h) Pf-4/
ASD(f)-2 EM

ACCESSION NR: AP4046152

S/0198/64/010/005/0509/0519

AUTHOR: Rakcheyev, Ye. M. (Dnepropetrovsk); Rakcheyev, Ye. N. (Dnepropetrovsk);

TITLE: Some axisymmetric problems of the flexure theory of shallow spherical shells ^B

SOURCE: Prykladna mekhanika, v. 10, no. 5, 1964, 509-519

TOPIC TAGS: shell, spherical shell, shallow spherical shell, shell flexure, axisymmetric shell flexure

ABSTRACT: The method of compensation loads developed by B. G. Kovenev in discussing the strength of circular plates on an elastic foundation is applied to spherical shells. The radial displacements U are taken into account, and the solution therefore contains additional terms and is not analogous to Kovenev's solution. The formulas for normal displacements W and the stress function F derived by Ya. A. Shevlyakov for the flexure of shallow spherical shells under axisymmetrical loads are used, and expressions for internal forces and moments, derived in terms of W and F , are given. The formulas

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ACCESSION NR: AP4046152

for W and U are deduced for the following symmetrical loadings: 1) concentrated force at the top, 2) continuous uniform normal load along a circle, 3) continuous uniform moment along a circle, 4) continuous uniform load over an annular area, 5) continuous uniform load over a circular area, and 6) continuous uniform load over the whole shell surface. The solutions for simply supported and built-in shells are given. Case (5) is analyzed for the particular case of a simply supported shell when the radius of loading is equal to half the radius of the shell. Expressions for W, U, and internal forces and moments are given, and their distribution along the radius is shown in diagrams. Orig. art. has: 8 figures, 1 table, and 39 formulas.

ASSOCIATION: Dnipropetrovs'ky*y derzhavny*y universy*tet (Dnepro-
petrovsk State University)

SUBMITTED: 29Jul63

ENCL: 00

SUB CODE: AS

NO REF SOV: 005

OTHER: 000

Card 2/2

RAKCHYEYEV, Ye.N.

Development of the theory of elasticity in Russia during the second half of the 19th and the beginning of the 20th century, 1861-1917. Trudy Inst. ist. est. i tekhn. 22:214-239 '59.

(MIRA 12:10)

(Elasticity)

MOISEYEV, Nikolay Dmitriyevich, prof. [1902-1955]; Prinsipali uchastiye:
TYULINA, I.A., dots.; RAKCHEYEV, Ye.N., dots.; OGIBALOV, P.M., prof.,
red.; LAZAREVA, L.V., tekhn. red.

[Essays on the development of mechanics] Ocherki razvitiia mekhaniki.
Pod red. P.M.Ogibalova. Moskva Izd-vo Mosk.unov., 1961. 477 p.
(MIRA 14:12)

(Mechanics)

RAKCHYEYEV, Ye.N.

Kh.S.Golovin; on the 50th anniversary of his death. Izv. AN
SSSR Otd.tekh.nauk no.3:146-149 Mr '54. (MLRA 7:7)

1. Predstavleno chlenom-korrespondentom Akademii nauk SSSR
Yu.N.Rabotnovym.
(Golovin, Kharlampii Sergeevich, 1844-1904)

USSR/Scientists

FD-1389

Card 1/1 : Pub. 41-16/18

Author : Rakcheyev, Ye. N.

Title : Kh. S. Golovin (on the 50th anniversary of his death)

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 3, 146-149, Mar 1954

Abstract : Gives biography and discusses works of Kh. S. Golovin, 1844-1904, Russian engineer and scientist in the field of structural mechanics and theory of elasticity. Ten references.

Institution :

Submitted : by Yu. N. Rabotnov, Corresponding Member, Academy of Sciences USSR
March 22, 1954

... ..
"Development of the in Russia in the 1950s."
... .., of (... .., 20) Dissertation
(... ..,, 1)
... .., 1

S/055/61/000/004/003/003
D219/D303

AUTHOR: Rakcheyev, Ye. N.
TITLE: N. D. Moiseyev
PERIODICAL: Moscow. Universitet. Vestnik. Seriya 1: Matematika,
mekhanika, no. 4, 1961, 71-77

TEXT: This is a biography of N. D. Moiseyev (1902-1955), who was professor of celestial mechanics at Moscow University. Moiseyev's early papers during 1924-26 develop the mechanical theory of comet forms, giving a new method of calculating cometocentric coordinates of particles of a comet tail according to measurements on a photograph and applying these results to the comet of 1901. Moiseyev introduced some new qualitative regional characteristics of trajectories and motion, e.g. the characteristic of contact of the trajectory with curves or surfaces of a given family; the characteristic of stability in Lyapunov's sense, treated for the first time as a regional characteristic; the characteristic of longitudinal and transversal stability; the characteristic of orbital stability of various types, including as special cases characteristics in Jacobi's and Shukov-
Card 1/3

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D219/D303

N. D. Moiseyev

skiy's sense; etc. Moiseyev systematized previous averaged variants of principal problems and introduced new average variants of the same with more accurate representation of actual motion. The first paper on Lyapunov's theory of stability, showing in particular that instead of rigid restrictions in Lyapunov's second method [Abstractor's note: Term not identifiable; not necessarily the method] one can take less rigid conditions, admitting second method functions with discontinuous partial derivatives. He introduced a new concept of probability of stability in the Lyapunov sense and gave methods for computing it; introduced a new treatment of the characteristic of stability in Lyapunov's sense as a regional qualitative characteristic [Abstractor's note: As a function of a point in phase space]. This leads to a method of constructing phase regions of continuous stability and instability in Lyapunov's sense. He also developed a theory of stability in a sense different from Lyapunov's, giving several modifications of the stability concept more appropriate for technical and astronomical applications than Lyapunov's, e.g., the stability concept of 3rd and 4th kind. Several papers are on applications of technical stability to ballistic problems, dynamics of aircraft flight, etc. On

Card 2/3

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D219/D303

N. D. Moiseyev

the integration of differential equations, Moiseyev developed two methods for solving systems of linear differential equations with constant coefficients; one he calls the method of determinant integrals, the other, the method of iteration. There are 49 Soviet-bloc references.

Card 3/3

TYULINA, I.A., dots.; RAKCHEYEV, Ye.N., dots.; SYSOYEVA, N.V., red.;
LAZAREVA, L.V., tekhn. red.

[History of mechanics; manual] Istoriia mekhaniki; uchebnoe po-
sobie. Moskva, Izd-vo Mosk. univ., 1962. 227 p. (MIRA 15:3)
(Mechanics)

1 16002-65 EWT(d)/EWT(m)/EWP(w)/EWA(d)/EWP(v)/EWP(k)/EWA(h) Pf-4/
Per ASD(F)-2 EM

ACCESSION NR: AP4046152

S/0198/64/010/005/0509/0519

AUTHOR: Rakcheyev, Ye. M. (Dnepropetrovsk); Rakcheyev, Ye. N.
(Dnepropetrovsk);

TITLE: Some axisymmetric problems of the flexure theory of shallow
spherical shells *26*

SOURCE: *Prykladna mekhanika*, v. 10, no. 5, 1964, 509-519

TOPIC TAGS: shell, spherical shell, shallow spherical shell, shell
flexure, axisymmetric shell flexure

ABSTRACT: The method of compensation loads developed by B. G. Kovenev in discussing the strength of circular plates on an elastic foundation is applied to spherical shells. The radial displacements U are taken into account, and the solution therefore contains additional terms and is not analogous to Kovenev's solution. The formulas for normal displacements W and the stress function F derived by Ya. A. Shevlyakov for the flexure of shallow spherical shells under axisymmetrical loads are used, and expressions for internal forces and moments, derived in terms of W and F , are given. The formulas

Card 1/2

L 16002-65

ACCESSION NR: AP4046152

for W and U are deduced for the following symmetrical loadings:
1) concentrated force at the top, 2) continuous uniform normal load along a circle, 3) continuous uniform moment along a circle, 4) continuous uniform load over an annular area, 5) continuous uniform load over a circular area, and 6) continuous uniform load over the whole shell surface. The solutions for simply supported and built-in shells are given. Case (5) is analyzed for the particular case of a simply supported shell when the radius of loading is equal to half the radius of the shell. Expressions for W, U, and internal forces and moments are given, and their distribution along the radius is shown in diagrams. Orig. art. has: 8 figures, 1 table, and 39 formulas.

ASSOCIATION: Dnipropetrovs'ky*ty derzhavny*y universy*tet (Dnepro-petrovsk State University)

SUBMITTED: 29Jul63

ENCL: 00

SUB CODE: AS

NO REF SOV: 005

OTHER: 000

Card 2/2

ВАНДЕРВУВ, Я.С. [Vandervort, J.S.] (Dnepropetrovsk)

Some non-symmetric problems in the theory of bending of shallow spherical shells. Izv. Akad. Nauk SSSR Tekhn. Mekh. (1974) (1974) (1974)

1. Dnepropetrovskiy gosudarstvennyy universitet.

NOVIKOVA, A.I.; RAKCHEYEVA, M.A.

Problem of treatment of thyreotoxicosis with radioactive iodine.
Sovet. med. 23 no.2:122-128 F '59. (MIRA 12:3)

1. Iz rentgeno-radiologicheskogo otdela (nauchnyy rukovoditel' - kand. med. nauk V.I. Petrov) i terapevticheskoy kliniki (nauchnyy rukovoditel'-chlen-korrespondent AMN SSSR prof. N.S. Molchanov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirskego (dir. - kand. med. nauk P.M. Leonenko).

(HYPERTHYROIDISM, ther.
radioiodine (Rus))

(IODINE, radioactive
ther. of hyperthyroidism (Rus))

RAKCHEYEVA, M. A.

"Cancer of the Stomach in Young People," Sov. Med., No. 6, 1949. Mbr., First Therapeutic Clinic, Moscow Sci. Exptl. Clinic Inst., -c1949-.

RAKCHENVA M. A.

Rakovya anemi. [Cancerous anemias] Ter. arkh. 23:2 Mar-Apr 51
p. 76-84.

1. Of the First Therapeutic Clinic (Director--Honored Worker in Science Prof. Yo. M. Tarayev), Moscow Oblast Scientific-Research Clinical Institute.
SIZL Vol. 20, No. 10 Oct 1951

RAKCHYEVA, M.I.

Increase of the production per unit of population in the
forest industries. Nauch. trudy LTA no.99:157-175 '62.
(MIRA 17:1)

RAKCHYEVA, V. N.

"The Derivative of Acetylene. Part 46. The Stepwise Hydrogenation of
Acetylenic Alcohols. The Synthesis of Vinylcarbinols," Iz. Ak. Nauk SSSR,
Otdel khim. Nauk., No.3, 1948
1946

Inst. Organic Chem., AS USSR

RAKCHYEVA, V. N.

"The Derivatives of Acetylene. Part 47. Reversible Isomerization of
Substituted Allylic Alcohols," Iz. Ak. Nauk SSSR, Otdel. Khim. Nauk, No.4, 1946