

PETKOV, Ch.

"KPIA-1'0" mounted hole digger. p. 27

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

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

PETKOV, D., IOSIFOR, I.

Our experience in treating stuttering in a corrective logopedic camp. Zhur.nevr.i psikh. 60 no.7:903-904 '60. (MIRA 14:1)

1. Okruzhnoy psikhonevrologicheskiy dispanser g. Tuzovo (glavnyy vrach Byrkashki), Bolgariya.
(STAMMERING)

Epidemiology

BULGARIA

LALOV, N., PETKOV, D., TYUPEKCHIEV, P., and TODOROV, N.

"A Summer Epidemic of Dysentery and Measures Taken for its Control"

Sofia, Voenno Meditsinsko Delo, Vol 21, No 3, Jun 66, pp 52-55

Abstract: An epidemic outbreak of Flexner dysentery affecting 150 persons occurred in a military detachment after members of the detachment did summer farm work in localities in which cases of dysentery had been recorded among the civilian population. Prophylactic and sanitary-antiepidemic measures had little effect on the course of the outbreak, which continued for 10 days and consisted of cycles with a duration of 3-4 days, with the maximum number of new cases occurring in the middle of each cycle. The length of the incubation period in infections with this disease is 3-4 days. One may assume that the outbreak was due to lack of immunity on the part of members of the detachment affected and that it decreased in intensity as soon as immunity was acquired. The resistance of the personnel to infection may have been lowered because of overstrain due to training: greater emphasis on activities not requiring

1/2

BULGARIA / microbiology. Hygienic Microbiology.

F-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90874

Author : Pavlov, I.; ~~Malikov, G.~~; Stankushev, Khr.; Stoyanov, P.
Inst : The G. Dimitrov Superior Agricultural Institute
Title : Sanitary Appraisal of Water Resources in the Plovna
Area

Orig Pub : Nauchni tr. Vissh. selskostop. in-t "G. Dimitrov".
Zootekhn. fak., 1956, 6, 389-402 (Bulgarian; res. Russ.,
Ger.)

Abstract : No abstract given

Card 1/1

37

PETKOV, O.

Lubricants for dies for pressure casting and their parts. p. 118.

STROJIRENSKA VYROBA, Praha, Czechoslovakia, Vol. 7, no. 3, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7,
July 1959
uncla.

PETKOV, G.

We cultivate local kinds of beans, p. 18
(Kooperativno Zemedelie, Vol. (12), no. 2, Feb. 1957. Sofia, Bulgaria)

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

VASILENKO, S.; PETKOV, G.

Studies of the epidemic of herpangina in the children's nursery of Panagyurishte, caused by the A-2 and A-11 Coxsackie viruses. Trudy epidemiol mikrobiol 8:129-134 '61 [publ.'62].

1. Nauchno-issledovatel'skiy institut epidemiologii i mikrobiologii (for Vasilenko). 2. Gorodskaya bol'nitsa v g. Panagyurishte (for Petkov).

PETKOV, G.; NATOV, K.

Hemorrhagic fever in the Panagiurishche region. Suvrem. med., Sofia
8 no.6:80-86 1957.

1. Iz vutreshnogo otdelenie pri Obedinenata gradska bolnitsa; Pana-
giurishche (Gl. lekar: K. Kuzmov).
(EPIDEMIC HEMORRHAGIC FEVER, epidemiolog
in Bulgaria (Bul))

PETKOV, G.

The Krasnovo dams. p.37. KOOPERATIVNO ZEMEDLJE. (Ministerstvo
no zemedelieto) Sofia. Vol. 11, no. 6, June 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

PETKOV, G.

Let us take care of common property. p.35. KOOPERATIVNO ZEMEDELIE
(Ministerstvo no zemedelieto) Sofia. Vol. 11, no. 6, June 1956

SOURCE: East European Acquisitions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

PETKOVA, G.

PETKOVA, G. Fattening poultry in cages. p. 28. Vol. 11, no. 12, Dec. 1956
KOOOPERATIVNO ZEMEDELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

PETKOV, G.

Earned a commendation. p.35. KOOPERATIVNO ZEMEDLIE.
(Ministerstvo no zemedelieto) Sofia. Vol. 11, no. 6,
June 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, no. 12, December 1956

PETROV, G.

1. "The Problem of preventive medicine in a socialist society," Professor M. I. BIRBYCH, Chief of the Department of the Institute of Public Health, V. A. SIKORSKY Institute of the History of Medicine, Moscow; pp 4-10.
2. "On the Virus Etiology of Typhus," P. LEONOV; pp 11-25.
3. "On the Antigenic Similarity between normal and Malignant Tissues in man and mice," I. BASILEVA and M. BOYVA of the Virus Laboratory (headed by Professor V. V. SOIKOVICH) of the V. A. DEKOSTAR Institute (Professor A. I. SOIKOVICH, Director); Moscow; pp 26-31.
4. "Cancerous Substances in a Surrounding Medium and the Possibility of Protection," I. ALIKHANOVA; in the Zoological Institute in Solits; pp 32-37.
5. "Humana and medicine," Professor A. BAVET; pp 37-45.
6. "Occupational diseases in Bulgaria 1959-1960," MIRCO RICHET; pp 46-49.
7. "Fundamental problems in the labor pathology of Agricultural workers," Report Emilian MARKAROV, Director of the Clinic for Occupational Diseases, Sofia; pp 50-55.
8. "Preventive Medicine with Saliva Glands during Lead Production in the Heavy Metallurgical Industry," Dr. G. RICHET, President of the National Institute of Hygiene and the Institute of Radiation-Epidemiology, Dr. Dr. RICHET, Chief physician in (at); pp 56-59.
9. "The Magnitude Significance of Captain Yakovlev for the Hygiene in the Heavy Metallurgical Industry in the event of the production of lead," V. ALIKHANOVA, V. SOIKOVICH, and G. MARKAROV of the National Institute of Hygiene and the Institute of Radiation-Epidemiology, Moscow (Professor Dr. G. RICHET, Chief of the Clinic for Occupational Diseases (Professor Dr. G. RICHET, Chief of the Laboratory); in the National Institute of Hygiene and the Institute of Radiation-Epidemiology; pp 60-62.

20

PETKOV, I.A.

Chemical and mineral composition of the mechanical fractions of
deep and leached Chernozems in the Central Chernozem Preserve.
Vest. Mosk. un. Ser. 6: Biol., pochv. 20 no.6:62-75 N-D '65.
(MIRA 19:1)

1. Kafedra fiziki i melioratsii pochv Moskovskogo gosudarstvennogo
universiteta. Submitted July 9, 1965.

PETKOV, Ivan, dots.

Twenty years of Bulgarian gravimetry, 1944-1964. Spisanie BAN
9 no. 1/2:119-123 '64.

VULCHEV, Iv.; NIKOLOV, T.; PETKOV, I.; NAIDENOV, N.

Agglomeration of manganese ores. Godishnik khim tekhn 9 no. 1-
85-98 '62 [publ. '63].

PETKOV, I.

BELEVSKA, N.; PETKOV, I.

in eruption in facial lupus vulgaris treated with massive doses
of vitamin D₂. Med.letopisi 41 no.10:1066-1072 D '49. (CJML 19:2)

1. Of the Skin and Venereological Clinic (Director -- Prof. I. Po-
pov, M.D.), University of Sofia, Sofia.

JANDA, Josef, Dr.; PETKOV, Ilja, Dr.

Development of Bulgarian dermatology. Cesk. dermat. 31 no.6:
359-363 Dec 56.

(DERMATOLOGY,
in Bulgaria (Cz))

EXCERPTA MEDICA Sec 13 Vol 13/5 Dermatology May 59

1136. TREATMENT OF PSORIASIS WITH AMINOPTERINE (Bulgarian text) -
Petkov I., Botev S. and Hlebarov St. Sci. Res. Dermatol. and
Venercol. Inst., Sofia - SAVR, MED. 1958, 9/4 (25-34) Tables 1 illus. 7
The authors treated 54 patients suffering from psoriasis with aminopterin. The
dose was half a milligram morning and evening in the course of 10 days. Twenty
patients were subjected to one treatment course, 29 patients to more courses. The
intervals between the courses were 7 to 10 days. The authors came to the following
conclusion: aminopterin administered in quantities which approach the toxic
amount erased the skin affection in 40-80% of the patients. The curative effect
manifested itself surprisingly quickly in comparison with the heretofore known and
utilized anti-psoriatic means. The recurrences, however, occurred rather quickly
after the treatment was discontinued. It is the authors' opinion that due to the
toxicity, the practical use of aminopterin against psoriasis should be limited and
should be carried out only under clinical conditions with strict observation of all
contraindications and with a most thorough laboratory (especially haematological)
control.

ACCESSION NR: AP4024335

P/0045/64/025/002/0265/0271

AUTHOR: Kalinkin, B. N.; Petkov, I. Zh.

TITLE: Complete nuclear fusion reaction

SOURCE: Acta physica polonica, v. 25, no. 2, 1964, 265-271

TOPIC TAGS: complete nuclear fusion, compound nucleus, potential, angular momentum, heavy ion, nuclear fusion reaction

ABSTRACT: The formation cross-section of the compound nucleus $\sigma_c(E)$ has to be known in order to analyze a number of reactions involving heavy ions. Thomas (Phys. Rev., 116, 703, 1959) computed this cross-section in dependence upon the energy for a number of cases, using the approximation of a rectangular hole, heavily absorbing ions. But this approach is very rough, since the interaction of the two nuclei is actually described by the potential, which diminishes exponentially at great distances. While more realistic models have since been proposed, there are now indications that the real value of $\sigma_c(E)$ is considerably smaller than that computed for them (especially around 10 mev/nucleon), as evidenced by experiments in reactions between complex nuclei, when the heavy

Card 1/2

ACCESSION NR: AP4024335

target nucleus does not split. The paper computes the effect of large angular moments on the process of formation of the compound nucleus in reactions involving heavy ions, and concludes that the problem of the balance of the complete angular moment in such reactions "largely loses its acuteness" in view of the authors' results. Original has 9 equations, 1 diagram, 5 graphs and 1 table.

ASSOCIATION: Ob'yedinennyy Institut Yadernykh Issledovaniy, Laboratoriya teoreticheskoy fiziki Dubna, SSSR (Joint Institute for Nuclear Research, Laboratory of Theoretical Physics)

SUBMITTED: 26 Jul 63

SUB CODE: NS

DATE ACQ: 15 Apr 64

NO REF SOV: 002

ENCL: 00

OTHER: 006

Card 2/2

EXCERPTA MEDICA Sec 13 Vol 13/6 Dermatology June 59

1633. A PECULIARITY OF LATE SYPHILIS WITH A REPORT OF A CASE
(Bulgarian text) - Petkov I. and Hiebarov St. Sci. Res. Inst. for Skin
and Ven. Dis., Sofia - SAVR. MED. 1958, 9/5 (105-108) illus. 4
A report is given of a case of late syphilis, in which there was at the same time an
enormous gumma the size of a child's head on the back, and an ulcerogummatous
lesion on the chest. These gummatous lesions developed in a period of 6 months,
one after the other, and 35 yr. after the onset of the disease. Treatment with peni-
cillin-bismuth rapidly led to cure of the skin lesions.

Balabanoff - Sofia

PEEKOV, Il., dots.

Tasks of dermatovenereal institutions in 1962. Dermato
vener Sofia 1 no.1:4-5 '62.

1. Otgovoren redaktor, "Dermatologija i venerologija".

PETKOV, Il.

Bulgaria

No degree listed

Department of Skin and Venereal Diseases of the Higher Medical Institute (Vissh Meditsinski Institut), Sofia; Department Head: Prof L. POPOV
Scientific Research Skin-Venerological Institute (Nauchno-izsledovatel'skiya Kozhno-venerologichen Institut), Sofia; Director: Prof P. POPKHRISTOV.

Sofia, Dermatologiya i Venerologiya, supplement of Suvremenna Meditsina, No 1, 1962, pp 12-16.

"The Treatment of Severe Alopecias with Hormonal and Neuroplegic Drugs"

Co-authors:

BOITEV, Sht., Department of Skin and Venereal Diseases of the Higher Medical Institute, Sofia; Scientific Research Skin-Venerological Institute, Sofia.

1/2

PEYKOV - Continued

Co-authors:

KAPNILOV, St., Department of Skin and Venereal Diseases
of the Higher Medical Institute, Sofia; Scientific Re-
search Skin-Venerological Institute, Sofia,
PEKHLIVANOV, P., Department of Skin and Venereal Diseases
of the Higher Medical Institute, Sofia; Scientific Re-
search Skin-Venerological Institute, Sofia,
KIRYAKOV, Iv., Department of Skin and Venereal Diseases
of the Higher Medical Institute, Sofia; Scientific Re-
search Skin-Venerological Institute, Sofia.

2/2

PETKOV, IL.; FILKOV, T.

Treatment of mycoses with griseofulvin. Dermato vener Sofia
1 no.1:28-31 '62.

1. Iz Katedrata po kozhni i venericheski bolesti pri
VMI, Sofia (Rukovod. na katedrata prof. L. Popov).
2. Otvoreni redaktor, "Dermatologija i venerologija"
(for Petkov).

PETKOV, JI.; BATSOV, I.

Eighth Congress of the Bulgarian Communist Party and development of dermatovenerology. Dermato vener Sofia 2 no.1:1-5 '63.

1. Chief Editor, "Mikrobiologija i venerologija" (for Petkov).

PETROV, I., d-r, dots.

Prof. Alfred Marchionini; on the occasion of his 60th birthday. Dermatovener. Sofia 3 B. 1967. 16p.

PETKOV, Il., dots.

Twelfth International Congress of Dermatology. Dermato vener
Sofia 2 no.2:99-101 '63.

PETKOV, Jordan

Vocational and technical education in Bulgaria. Prof.-tekh.
obr. 22 no.1:30-31 Ja '65.
(MIRA 18:4)

PETKOV, Iordan, inzh.; BOZHJLOV, Grozdan, inzh.

Construction of the roof of the main building of the Maritsa-Iztok I Thermoelectric Plant. Stroitelstvo 11 no. 3:1-7
My-Je '64.

PETKOV, Iordan (Gorna Oryakhovitsa)

Correlation between chemistry and other school subjects.
Biol i khim 7 no.6-52-55-16...

ACCESSION NR: AP4042966

S/0048/64/028/007/1207/1211

AUTHOR: Luk'yanov, V.K.; Petkov, I.Zh.

TITLE: On collective excitation of nuclei in electron scattering [Report, 14th Annual Conference on Nuclear Spectroscopy held in Tibilisi 14-21 1964]

SOURCE: AN SSSR. Izv. Seriya fizicheskaya, v.28, no.7, 1964, 1207-1211

TOPIC TAGS: nuclear structure, electron scattering, nuclear model, shell theory

ABSTRACT: The cross sections for inelastic scattering of electrons by nuclei with excitation of collective nuclear states are calculated. The calculations are intended to apply to heavy nuclei to which the unified model is known to afford an adequate approximation; therefore the "improved" Born approximation of D.Saxon and L.J.Schiff (Nuovo Cimento, 6, 614, 1957) and W.Czyz and K.Gottfried (Ann.Physik 21, 47, 1963), which takes approximate account of the distortion of the wave function by the Coulomb field, is employed. The transverse terms in the interaction are neglected; this should be justified at scattering angles greater than 5° for excitation of low-lying levels by 150 MeV electrons. Only quadrupole nuclear transitions and the $0^+ \rightarrow 0^+$ monopole transitions are treated, and the nuclear states are described in

Card

1/2

ACCESSION NR: AP4042966

terms of the nonaxial nuclear model of A.S.Davydov et al (Nucl.Phys.8,237,1958; 12, 58,1959; 24,682,1961; 27,134,1961). The cross sections are calculated both for nuclei with a constant density, (sharp boundary) and, for nuclei with a Gaussian density distribution. The cross sections for the excitation of the first and second 2+ levels of Mg²⁴ and the 0+ → 0₂⁺ transition in Gd¹⁵⁶ by 150 MeV electrons were evaluated numerically as examples and the results are presented graphically. The cross section for exciting the second 2+ level of Mg²⁴ was found to be less than that for the first 2+ level by a factor of about 12. Smearing the nuclear surface by employing a Gaussian density distribution exerted very little influence on the Mg²⁴ cross sections, but it decreased the Gd¹⁵⁶ cross section by an order of magnitude. Orig. art.has: 21 formulas and 3 figures.

ASSOCIATION: Laboratoriya teoreticheskoy fiziki Ob'yedinennogo instituta yadernikh issledovaniy (theoretical Physics Laboratory, Joint Institute for Nuclear Research)

SUBMITTED: 10Jan63

SUB CODE: NP

NR REF SOV: 002

ENCL: 00

OTHER: 005

Card

PETKOV, Iv.

An attempt to determine the thickness of the earth's crust in
Bulgaria by gravimetric data. Godishnik fiz mat 57:129-133
'62/'63 [publ. '64]

PETKOV, Iv.N.

A contribution to the study of the Skopje earthquake, July 26, 1963.
Godishnik fiz mat 57:155-170 '62/'63 [publ. '64]

PERKOV, J.

✓ 5020. Rubber-metal bonding. J. PERKOV. *Letsa*
Proletarskaya, 1934, NO. 8, 14-16. *Prilozh. B. Kaut.*,
NO 1936, 2, 120. The factors influencing bonding are

described as well as the three best known processes,
thermo-prene, latex-albumen, and ebonite. A direct
rubber-steel bonding may be equally strong. The
steel is cleaned, polished, roughened and given a
protective coating after washing. It is then coated
with adhesive and rubber. Vulcanization in the
mould produces a better bond than in an autoclave.

5311

ammy
MP
W

PETKOV, I.

"Insecticide fumes in the struggle against blood-sucking insects and parasites on the deer."

GORSKO STOPANSTVO, Sofia, Bulgaria, Vol. 15, no. 3, Mar. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept.} ~~Jun~~ 59
Unclas

PETKOV, Iordan (Gorna Oryakhovitsa)

How I am organizing and conducting my work in the chemistry circle group. Biol i khim 4 no.5:57-61 '61.

(Chemistry)

PETKOV, Iordan K.

Quinine tree. Prir i znanie 15 no.5:9-12 My '62.

PETKOV, Iordan K. (Gorna Oriakhovitsa)

Hydrogen sulfide in the Black Sea. Prir i znanie 14 no.10:18-20
D '61.

PETKOV, Iordan K.

Kliment Arkad'evich Timiriázev. Prir i znanie 17 no. 1:
19-21 Ja '64.

RUSAKIYEV, M. [Rusakiev, M.]; KHRISTOVA, T.; ANDONOV, P.; PRODRUMOV, A.;
PETKOV, I.; GRYNCHAROV, K. [Gruncharov, K.]; PACHEV, S.

Studies of the serum of some migrant birds in the presence of
antibodies neutralizing the West Nile virus. Trudy epidemiol
mikrobiol 8:139-141 '61 [publ.'62].

PETKOV, I.

On some methods for interpreting the opposite hodographs of the reflected waves in seismic research. p. 217.

GODISHNIK. MATEMATIKA I FIZIKA. Sofia, Bulgaria, Vol. 50 No. 1 1955/56
(Published 1957)

Monthly List of East Accession (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

PETKOV, Iordan (Gorna Oriakhovitsa)

Chemical dictation as a form of appraising the knowledge. Biol
i khim 4 no.4:35-36 '62.

PETKOV, Iordan (Gorna Orakhovitsa)

Patriotic education of pupils through teaching of chemistry.
Biol i khim 7 no. 1: 29-35 '64.

PETKOV, I.

Twenty-eight years in service to Bulgarian forestry; for second time the best in his profession; front-ranker of the district.

p. 232 (GORSKO STOPANSTVO) Vol. 13, no. 5, May 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

PETKOV, I.

Petkov, I. Let us follow their example! Front-ranker in the production of saplings. p.37².

Vol. 11, no. 8, Oct. 1955 GORSKO STOPANSTVO Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (JMAL), LC, Vol. 5, No. 2
February, 1956

VENEDIKOV, M., prof. d^r inzh.; PETKOV, I., dots.

Akademician Vladimir K. Khrstov at sixty. Izv geod EAH
no. 5-7 '63.

1. Chlenove na Redaktsionnata kolegia, "Ivestiia na
Tsentralnata laboratoria po geodeziia."

ZHELEV, Zhelyu Tanev; PETKOV, Ivan Zhelyazkov; BULKINA, N.I.,
red.

[Russian-Bulgarian dictionary on nuclear physics and
technology] Russko-bolgarskii slovar' po iadernoi fizike
i tekhnike. Moskva, Sovetskaiia Entsiklopediia, 1965.
423 p. (MIRA 18:10)

PETKOV, I.Zh.

Amplitude of inelastic electron scattering on nuclei. IAd.
fiz. 2 no.3:485-486 S '65. (MIRA 18:9)

1. Ob'yedinennyy institut yadernykh issledovaniy.

LUK'YANOV, V. K.; PETKOV, I. Zh.

"Concerning Collective Excitations of Nuclei by Scattering of Electrons."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYAI (Joint Inst Nuclear Res)

VULCHEV, Iv.; NIKOLOV, T., dots., k.t.n.; PETKOV, I.; NAIDENOV, K.

Preparation of fluxed manganese agglomerate. Godishnik khim
tekh 9 no.2:27-38 '62 [publ. '63].

1. Chlen na Redaktsionnata kolegiia, "Godishnik na Khimiko-
tehnologicheskiiia institut" (for Nikolov).

PETKOV, IV.

Determining the border surfaces and the speed of layers in seismic investigation with reflected method. p. 175.

GODISHNIK. MATEMATIKA I FIZIKA. Sofia, Bulgaria, Vol. 50, no. 1 pt. 2

Monthly List of East Accession (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

PETKOV, Iv.

On some particular cases respecting the hodograph of reflected seismic waves. Godishnik fiz mat 53 no.2:101-109 '58/'59 [publ. 60].

PETKOV, Iv., dotsent; POSTNIKOVA [translator]; GANCHEV, G. [translator]

Determination of the depth of Mohorovicic's surface by
gravimetric data in Bulgaria. Izv geod BAN no.4:93-100 '63.

1. Chlen na Redaktsionnata kolegiia, "Izvestiia na Tsentralnata
laboratoriia po geodeziia" (for Petkov).

PETKOV, Iv., dotsent

Academician B.B.Golitsyn as seismologist. Priroda Bulg 12 no.3:
119-120 My-Je '63.

PETKOV, Iv., dots.

At the meeting of the European Seismological Commission. Priroda
Bulg 12 no.2:111-112 Mr-Ap '63.

1. Chlen na Evropeiskata Komisia po seizmologija.

PETKOV, Iy.

Kinematic analysis of the conditions for the recording of head-
most seismic waves. Godishnik fiz mat 55 no.2:7-20 '60/'61 [publ.
'62].

DIMITROV, R., d-r; RAIKOV, Ts.; PETKOV, Iv.

Methods of testing and computing the noble and rare metals and dispersed elements in the nonferrous-metal ores in Bulgaria. Min delo 17 no.7:22-24 J1 '62.

1. Upravlenie "Geolozhki prouchvania i okhrana na zemnite nedra".

PETKOV, Jordan K.

Iodine in the nature. Prir i znanie 15 no.8:17-19 Ag '62.

PETKOV, Iordan K.

Olives. Prir i znanie 16 no.3:7-10 Mr:63.

PETKOV, Iordan K. (Gorne Orakhovitsa)

Role and significance of changes in plant leaves. Prir i znanie
15 no.10:12-15 D '62.

PETKOV, Iordan (Gorna Oriakhovitsa)

Ways of student activation in teaching chemistry. Biol i
khim 5 no. 2:29-36 '63.

PETKOV, I.K.

Pomegranates. Prir i znanie 16 no.9:8-10 N '63.

PETKOV, I.N.

Development and progress of the Seismological Service in the
Bulgarian People's Republic. *Bul. Sov. no seism. no.6:19-25*
'57. (MIRA 11:7)

1. Glavnoye geologicheskoye upravleniye Bolgarii, Sektor
seyanicheskikh issledovaniy, Soviyn.
(Bulgaria--Seismology)

FETKOV, Ignat; DAKOV, Vasil

Canning industry in the urban administrative and economic district
of Plovdiv. Godishnik biol 55 no.3:181-228 '60/'61 [publ. '62].

PETKOV, I

"Organizing the work of the forest industry on a high level during 1954." (1. 1)
GORSKO STOPANSTVO (upravlentie na Gorskoto stopanstvo kum Ministerskiiia suvet) Sofiya
Vol 10 No 1 Jan 1954

SO: East European Accessions List Vol 2 No 7 Aug 1954

PETKOV, I.; KHADZHISKI, P.

Let us manage the forests of the cooperative farms well. p. 17. (kooperativno Zemedelie, Sofia)

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

SOLOVYCHIK, S.; PETKOV, I.

At the crossroads of air travel. Rabotnitsa 36 no.8:16-17 Ag '58.
(MIRA 11:9)
(Sverdlovsk--Airports)

PETKOV, I. N.

Seismic activity of the territory of Bulgaria according to
statistical data. Studii astron seismol 6 no.2:201-210 '61.

PETKOV, Iordan K.

Means of self-protection in plants. Prir i znanie 16 no.10:
12-18 D'63.

PETKOV, Ivan, inzh.

Organization and direction of rationalizer activities in
Bulgaria. Ratsionalizatsiia 13 no.9: 4-5 '63.

1. Direktor na zavoda za optiko-mekhanichni pribori.

PETKOV, Iordan K. (Gorna Orakhovitsa)

Antoine Laurent Lavoisier; on the occasion of the 220th anniversary
of his birth. Biol i khim 6 no.5:41-43 '63.

PETKOV, I.

International Conference on Forests, on some questions of forestry in
Czechoslovakia. p. 393.

(GORSKO STOPANSTVO, Vol. 12, no. 9, Nov. 1956, Sofia, Bulgaria.)

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

ИТЦОВ, И.

"The work of the Department of Technology in the Zora State Industrial Enterprise in the introduction of new products."

p. 21. (Izika iromishlenost', Vol. 7, No. 6, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EMEA) 11, Vol. 7, No. 11, Dec 58

PETKOV, I.

"Some comments on the geology of the Nedelinski mining region."

MINNO DELO, Sofia, Bulgaria, Vol. 11, no. 2, Mar./Apr. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept} Jun 59,
Unclas

5/035/82/000/001/04/1000
1.001/1101

AUTHORS: Petkov, I., Georgiyev, G.

TITLE: The 1-class gravimetric network in Bulgaria

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 10,
abstract 28101 ("Izv. Geofiz. in-ta Bolg. AN", 1960, v.1, 203 - 212,
Bulgarian, Russian and German summaries)

TEXT: The national reference gravimetric network on the territory of Bul-
garia consists of 12 stations of the 1st class, two of which are tied to the
Bucharest station (Rumania). Separations between neighboring stations are 80 -
180 km. Measurements were carried out with a Gs-11 gravimeter which was trans-
ported on an aircraft. The drift of zeropoint of the gravimeter did not exceed
0.07 mgal/hr. 42 connections were carried out, 27 links were determined which
form a system of 15 adjacent triangles. Each link was measured 1 - 4 times.
Misclosures in triangles did not exceed 0.15 mgal. The network was adjusted by
the least-square method. The difference between Bucharest and Sofia ($\Delta g = 285.1$
mgal) measured by the Soviet aerogravimetric expedition was taken for the ref-
erence basis. The root-mean-square error of adjusted difference $\Delta g = \pm 0.11$ mgal.

Card 1/2

S/005/62/000/002/001/000
A001/A101

The 1-class gravimetric network in Bulgaria

The authors present the schematic diagram of location of the stations, and measured and adjusted values of Δg .

P. Shokin. ✓

[Abstracter's note: Complete translation]

Card 2/2

PETKOV, I.

"Strict execution of the 198th resolution of the Council of Ministers concerning the economy of timber." p. 294. (Gorsko Stopanstvo. Vol. 9, no. 7, Sept. 1953. Sofiya.)

East European Vol. 3, No. 6
SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, June 195~~8~~⁴, Uncl.

Author, I.

KULCHISHKOV, B.; PETKOV, I. "Protection of useful birds, one biological method to fight harmful insects and rodents."
Gorsko Stopanstvo, Sofiya, Vol 10, No 6, 1954, p. 2-0

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1951, Lib. of Congress

PETKOV, I.

Trends in afforestation of our country. p. 193.

GORSKO STOPANSTVO
Vol. 11, no. 5, May 1955
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

PETCOV, I.

PETCOV, I. More care for collecting to use oil at the Machine-Tractor Station. p. 13. Vol. 7, no. 10, Oct. 1956. MASHINIZIRAN ZEMELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EAL) Vol. 6 No. 4 April 1957

PETKOV, I.; KINCHEV, N. - Gorsko Stopanstvo

Our Distinguished workers. p. 138

Presenting the Red Pennant to the Samokov Forest Service. p. 142
(GORSKO STOPANSTVO Vol. 11, No. 3, Mar. 1955)

SO: Monthly list of East European Accession, (EEAL), Lc, Vol. 4, No. 9, Sept 1955, Uncl.

PETKOV, I. - Gorsko Stopanstvo

Work of the Conference of the European Commission on Forests held in Geneva during
November 1954. P. 157
(GORSKO STOPANSTVO Vol. 11, No. 4, Apr. 1955)

SO: Monthly list of East European Accession, (EEAL), LC, Vol. 4, No.9, Sept. 1955, Uncl.

PETKOV, I.

TECHNOLOGY

Periodicā: MINNO DELO. Vol. 13, no. 4, July/Aug. 1958.

PETKOV, I. New graphic method for determining the effective speed on the hydrographs of the reflected waves in seismic investigations.
p. 77.

Monthly List of East European Accession (EEAI), LC., Vol. 8, no. 2,
February 1959, Unclass.

99865
39300S/169/62/000/006/026/093
D228/D304AUTHOR: Petkov, I.

TITLE: Some special cases of reflected wave hodographs

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 25, abstract 6A184 (Godishnik Sofiysk. un-t. fiz.-mat. fak., 53, no. 2, 1958-1959 (1960), 101-109)

ABST: The hodographs of reflected waves from concave, flat, and convex boundaries, having the form of a parabolic cylinder, are investigated. A general hodograph equation is derived for this case, as is an equation for the particular case when the cylinder's axis passes through the detonation point. The hodographs of waves reflected from boundaries of the elliptical and the circular cylindrical types are also examined. Incorrect values of the effective velocities may be obtained if no allowance is made for the curvature of the reflecting boundaries. For a concave boundary the effective velocity is reduced; it is exaggerated, however, when the boundary is convex. / Abstracter's note: Complete translation. /

Card 1/1

S/169/62/000/012/017/095
D228/D307

AUTHOR: Petkov, I.N.

TITLE: Seismic activity of the territory of the Bulgarian People's Republic according to statistical data

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 23, abstract 12A216 (Studii și cercetări astron. și seismol., 6, no. 2, 1961, 201-210 (summary in Rum.))

TEXT: Detailed seismic characteristics of the territory of Bulgaria are given, compiled on the basis of macroseismic data gathered since 1892. The territory of Bulgaria is in the Aegean seismic zone, which is part of the extensive Mediterranean earthquake belt that is tectonically related to the Alpine-Himalayan fold zone, where orogenic processes occur. In a geologico-geographic respect Bulgaria can be divided into two parts - northern and southern - which are dissimilar in their geologic and tectonic structure. Besides its own foci, northern Bulgaria experiences tremors from the Carpathian earthquake zone. The number of foci

Card 1/2

Seismic activity ...

S/169/62/000/012/017/095
D228/D307

in northern Bulgaria amounts to 80. The earthquake foci in southern Bulgaria are more active and numerous. They number 150. A map of earthquake epicenters is presented. Strong earthquakes that occurred in different seismic regions of Bulgaria are described briefly, and their relation to geologic structures is discussed.

[Abstracter's note: Complete translation]

Card 2/2

LUK'YANOV, V.K.; PETKOV, I.Zh.

Inelastic scattering of heavy particles with excitation of collective nuclear states. Izv. AN SSSR.Ser.fiz. 29 no.5:823-829 .v '65.
(MIRA 18:5)

1. Laboratoriya teoreticheskoy fiziki Ob'yedinennogo Instituta yadernykh issledovaniy.

PETKOV, Ior. K.

A valuable medicinal plant. Prir 1 znanie 17 10.2:9-11
0 '64.

KALINKIN, B.N.; PETKOV, I.Zh.

Reaction of complete fusion of nuclei. Acta physica Pol 25
no.2:265-271 F '64

1. Ob'yedinennyy institut yadernykh issledovaniy, Laborato-
riya teoreticheskoy fiziki, Dubna, S.S.S.R.

BULGARIA/Farm Animals. Cattle

Q-2

Abstr Jour : Ref Zhur - Biol., No 19, 1958, No 88070

Author : Petkov K., Sertev M.

Inst : Institute of Experimental Veterinary Medicine, Bulgarian AS

Title : Certain Reflex Reactions of the Sexual Apparatus of the Cow

Orig Pub : Izv. In-ta eksperim. vet. med., B'lgar. AN, 1956, 4, 252-255

Abstract : A study was made of the effect of a mechanical stimulation of the clitoris on the functions of the sexual apparatus of the cow. In the experimental group of the animals (73 heads), after 24 hours of observation, ovulation was observed 14.4 percent more often than in the control group (77 animals). The fertility of the experimental cows was 9 percent higher than that of the cows of the control group.

Card : 1/1

Computerization of the bibliography of the journal "Vet. Meditsina".
Gadishnik mashtab 1:100000, 1956-1958 (publ. 1963)

PETKOV, KH.

"The Unification of Hospitals and Clinical Institutions. p. 26" (ZDRANNO DELO)
Vol. 6, No. 3, June 1952, Sofiya, Bulgaria

SO: Monthly List of East European Accessions L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

PETKOV, Khr.

Bulgaria

[Academic Degrees] Docent

[Affiliation] Chief of the Medical-prophylactic Administration
of the Ministry of National Health and Public
Welfare (Lechebno-profilaktichno to upravlenie pri
MNZSG).

[Source] Sofia, Sreden Meditsinski Rabotnik, No 6, 1962, pp 3-13.

[Data] "Perspectives of the Development of the National Public
Health in the period of the Building Up of the Communist
Society."

PETKOV, Kosta

BULGARIA

[Academic Degrees]

[Affiliation] Chief of Medical Professional Teaching with the
Ministry of Health and Social Welfare

[Source] Sofia, Sredna Meditsinski Institut, No. 5, 1962,
pp 3-5

[Data] "The speaker reports on the III Congress of the
Bulgarian Communist Party."

PETKOV, Khr.

~~SURNAME (in caps)~~; Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Khigiena, No 2, Mar/Apr 61, pp 55-58

Data: "Ambulatory Polyclinics for the Urban Population."

Co-author:

IVANOV, K., Sofia

PETKOV, Koliu Donev

Computing the oscillations in a mast and cable bracing system.
Godishnik mash elekt 13 no.3:39-46 '63 "publ. '64].

PETKOV, K.

Let us secure sufficient plants for each decare. p. 17.
KOOPERATIVNO ZEMEDELJE, Sofiya, Vol. 11, no. 4, Apr. 1956.

S7: Monthly List of East European Accessions, (SEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

FETKOV, K.

"Reporting for their Annual Activities; the Annual Meeting of the Physicians' Union of the Vulko Chervenkov Medical Academy." p. 1,
(ZDRAVEN FRONT, No. 42, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.