"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A. L.; KOVAL'SKIY, V. V.

Ukraine - Karakul Sheep

Seasonal anemia of karakul breeding ewes as they are raised in southern Ukraine.
Kar. i zver. 5 No. 3 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

Neural regulation of distribution of water in teh organism. Biul. eksp. biol. i med. 37 no.6:24-27 Je '54. (MLRA 7:8)

1. Iz laboratorii biokhimii (zav. prof. V.V.Koval'skiy) Vsesoyuznogo instituta zhivotnovodstva, Moskva.
(WATER, metabolism,
distribution, neural regulation)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

Age factor in modifications of the biochemical composition of blood in sheep. Biul. eksp. biol. i med. 38 no.7:33-36 Jl '54. (MLRA 7:8)

1. Iz laboratorii biokhimii (zav. prof. V.V.Koval'skiy) Vsesoyuznogo nauchno-issledovatel'skogo instituta zhivotnykh, Moskva.

(BLOOD,
picture in sheep, age factor)
(SHEEP
blood picture, age factor)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

Some breed peculiarities in the metabolism of sheep. Biul. eksp. biol. i med. 41 no.1:50-55 Ja. '56. (MLRA 9:5)

1. Iz laboratorii biokhimii (zav.-prof. V.V. Koval'skiy) Vsesoyuznogo instituta zhivotnovodstva, Moskva. Predstavleno deystvitel'nym chlenom AMN SSSR. S.Ye. Severinym.
(SHEEP, metab.
breed peculiarities)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA-A.L.

6421. **Seasonal variations in metabolism of Karakul sheep.** V. V. Kovalskii and A. L. Paducheva *C.R. Acad. Sci., U.R.S.S.*, 1956, 108, 505—507 (All-Union Scientific Inst. of Animal Breeding). —Seasonal variations in the body wt. of female Karakul sheep in the Khersonsk region of the U.S.S.R., max. in the summer and min. in the winter and early spring months are found to be closely correlated with the composition of blood, muscle, skin, and subcut. tissue whose total solid content is max. and min. at corresponding times. Periodic changes in the physiological activity of the animals, air temperature, and the availability of food are thought to be the cause. (Russian) A. K. GRZYBOWSKI.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

AUTHOR: Paducheva, A.L., Candidate of Biological Sciences 25-12-12/39

TITLE: Invisible Processes (Nevidimyye protsessy)

PERIODICAL: Nauka i Zhizn', 1957, # 12, p 10, (USSR)

ABSTRACT: Numerous "invisible" processes in nature were made visible by science. The author states that by adding sulphur compounds with radioactive isotopes to the feed of sheep the growing processes of their wool can be studied. Experiments have shown that radioactive substances in the feed appeared after 3 days in the roots of the wool. As the "marked" sulphur is being gradually eliminated from the body of the animal, the deposits of radioactive elements decrease. Depending on the breed of the sheep, the increase in the length of the wool amounts to 6 to 30 mm in 30 days. Autographic examinations have shown that interruptions of supply of nourishing elements, for instance, of sulphur, was accompanied by an irregular deposition of chemical matter. This is undesirable for the production of high grade wool. Different animals show varying capabilities of assimilating organic and inorganic sulphur compounds needed for the production of wool or fur. Varying quantities of sulphur in the diet of wool- or fur-bearing

Card 1/2

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Q-3

USSR / Farm Animals. Sheep and Goats.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45217

Author : Paducheva, A. L.
Inst : Not given
Title : The Utilization of Labeled Sulfur for the Study of the Growth of Wool in Sheep.

Orig Pub : Ovtsevodstvo, 1957, No. 9, 22-24.

Abstract : The experiments carried out by a number of researchers in order to discover the results of the administration to sheep of the radioactive isotope of sulfur (S^{35}), along with the feed, are described. The experiments showed that radioactive sulfur is utilized in the building of the wool fiber. Once deposited in the wool, sulfur does not participate further in the metabolic process.

Card 1/1

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, AL.

PADUCHEVA, A.L., kandidat biologicheskikh nauk; DENISENKO, N.A.

Features of the metabolism of inorganic sulfur in fine-wooled and fat-tailed sheep. Dokl.Akad.sel'khoz.22 no.5:35-39 '57. (MLRA 10:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva. Predstavlena akademikom V.M. Yudinym.
(Sulfur metabolism) (Sheep--Physiology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L., kand.biolog.nauk

Characteristics of sulfur metabolism in various sheep breeds and how to make use of these characteristics in wool production. Dokl.Akad.sel'khoz. 24 no.8:15-19 '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva. Predstavlena chlenom-korrespondentom Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina V.V.Joval'skim.
(Sulfur in the body) (Sheep breeds)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

Studying the growth of wool in lambs during the uterine and post-natal periods by the use of labeled sulfur. Dokl. AN SSSR 137 no.2: 484-487 Mr '61. (MIRA 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva. Predstavleno akademikom A.I.Oparinym.
(Wool) (Sulfur—Isotopes) (Lambs)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.; PETROV, V.A.

Increasing multiparity in sheep by treating them with pregnant mare's serum in combination with prolan. Zhivotnovodstvo 23 no.5:40-41 My '61. (MIRA 16:2)
(Gonadotropic hormones) (Sheep breeding)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L. (Moskva, A-83, ul.8 marta,3,korp.6,komn.5); PEREL'DIK, N.Sh. (Moskva, A-83, ul.8 marta, 3a, kv.1); SHAPOVALOVA, M.Ya. (Moskva, D-80, Peschanaya ul., 40/1,kv.326)

Utilization of organic and inorganic sulfur compounds in fur-bearing animals (mink and fox) for hair production; a study with labeled sulfur. Arkh. anat., gist. i embr. 42 no.3:84-91 Mr '62. (MIRA 15:5)

1. Laboratoriya biokhimii (zav. - I.Yu.Fridlyand) Vsesoyuznogo nauchno-issledovatel'skogo instituta zhivotnovodstva i Otdel kormleniya (zav. - doktor sel'skokhozyaystvennykh nauk N.Sh.Perel'dik) Nauchno-issledovatel'skogo instituta pushnogo zverovodstva i krolikovodstva.

(SULFUR METABOLISM) (HAIR)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.

Study of the wool growth by the use of labeled sulfur compounds.
Biul. MOIP. Otd. biol. 66 no.4:151 Jl-Ag '61. (MIRA 14:7)
(WOOL) (SULFUR--ISOTOPES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA A.L. (USSR)

"Use of Some Sulphur Compounds for Synthesizing Wool Cystine and Methionine in the Sheep."

Report presented at the 5th Int'l Biochemistry Congress, Moscow, 10-16 Aug. 1961

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.L.; VOLKOVA, Z.I.; FEOFILOVA, Zh.A.

Rate of formation of sulfur-containing precursors of hair keratin in the skin of sheep following the peroral administration of sulfate and methionine. Dokl. AN SSSR 148 no.5:1205-1206 F '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva Ministerstva sel'skogo khozyaystva SSSR. Predstavleno akademikom A.I.Oparinym.

(Keratin) (Sulfur isotopes) (Methionine)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Aleksandra Leonidovna; BOYKO, Dmitriy Fedorovich; BABKINA, N.G., red.

[Hormonal methods for increasing the fertility of farm animals] Gormonal'nye metody povysheniia plodovitosti sel'skokhoziaistvennykh zhivotnykh. Moskva, Kolos, 1965. 302 p. (MIRA 18:4)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Paducheva, A. P.

Med

Some characteristic findings in the metabolism of sheep due to the kind of breed. A. P. Paducheva (All-Union Inst. Animal Husbandry, Moscow). *Byull. Exptl. Biol. i Med.* 41, No. 1, 50-5(1956).—The following breeds were the subject of the study: (1) sheep with a fat tail and coarse wool, (2) fine-wooled, akin to merino, and (3) crosses of (1) and (2). The highest S-compd. content is found in the whole blood, serum proteins, muscles, skin and wool of (2). When (3) is the result of crossing of several successive generations of coarse-wooled ewes with fine-wooled rams, the (3) have nearly the same S compd. content as (2). Compds. contg. S and N in blood, skin, and tissues are subject to the influence of the season, pasture or pen-feeding, and pregnancy. The skin is most sensitive in this regard. This sensitivity is particularly notable in (3). A. S. Mirk

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SUKLIN, I.S.; OSKOLKOV, Yu.N.; PADUCHEVA, A.V.

Experiments of the eroding-away of arenaceous-argillaceous specimens with two interacting jets. Trudy Inst. gor. dela UFAN SSSR no.3:49-51 '62. (MIRA 16:3)

(Hydraulic mining) (Jets)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KUKLIN, I.S.; KULIKOV, G.S.; PADUCHEVA, A.V.

Pressure of a hydraulic giant jet on a flat wall. Trudy Inst. gor. dela UFAN SSSR no.3:87-90 '62. (MIRA 16:3)
(Hydraulic mining—Equipment and supplies) (Jets—Fluid dynamics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SHCHERBAKOV, I.A.; LOPATIN, G. Ye.; PADUCHEV, A. V.; SIDOROV, I.N.

Method of determining the economic efficiency of manless stoping in coal seams. Trudy IGD (Sverd.) no.8:15-23 '64. (MIRA 17:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, A.V.

Studying work techniques of single-bucket excavator operators.
Trudy Gor.-geol.inst.UFAN SSSR no.41:221-229 '59. (MIRA 13:5)
(Excavating machinery--Electric driving)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, B. V.

"Possibilities of Studying Language through Methods of the Theory of Information."

report presented at the Conference on Information Handling, Machine Translation and Automatic Reading of Texts, sponsored by Inst. of Sci. and Technical Information, Moscow, January 1961.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

LEBEDEV, N.P., doktor meditsinskikh nauk; DUVALOVA, G.G.; PADUCHEVA, L.V.; TSANK, S.S.

Effective protective schedule in maternity homes. Pediatriia no.3: 17-19 My-Je '54. (MLRA 8:1)

1. Iz akusherako-ginekologicheskoy kliniki Molotovskogo meditsinskogo instituta (zaveduyushchiy - doktor meditsinskikh nauk N.P. Lebedev, zaveduyushchiy otdelom novorozhdennykh S.S.TSank); 1-go gorodskogo rodil'nogo doma (glavnyy vrach V.D.Naumov, zaveduyushchiy otdelom novorozhdennykh G.G.Duvalova); 3-go rodil'nogo doma (glavnyy vrach A.N.Turchaninovz, zaveduyushchiy otdelom novorozhdennykh L.V.Paducheva)

(INFANTS--NUTRITION)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, N.

Water - Purification

Clarification of water by passing it through a suspended sediment. Zhil. -kom. khoz. 2 no. 2, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KUZNETSOV, A.V.; PADUCHEVA, Ye.V.; YERMOLAYEVA, I.M.

Informational language for geometry and the algorism for translation from the Russian to the informational language. Soob. Otd.mekh.i avtom.inform.rab. no.?:40-73 '61. (MIRA 15:2)
(Programming languages (Electronic computers)—Geometry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

LANGLEBEN, M.M.; PADUCHEVA, Ye.V.

Handling of words with homonymy of a part of speech in the analysis of English texts. Soob. Otd.mekh.i avtom.inform. rab. no.2:228-233 '61. (MIRA 15:2)
(Programming languages (Electronic computers))
(English language)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye.V.

Logical stress in advertisements and notices. NTI no.5: 31-32 '63. (MIRA 16:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye.V.; SHUMILINA, A.L.

Syntagmas of the Russian language. Soob. Otd.mekh.i avtom. inform.rab. no.2:89-113 '61. (MIRA 15:2)
(Machine translating)
(Russian language)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye.V.

Preliminary breakdown of a phrase in syntactical analysis (as applied to the Russian language). Soob. Otd.mekh.i avtom. inform.rab. no.2:114-116 '61. (MIRA 15:2)
(Machine translating)
(Russian language)

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AUTHOR Paducheva, Ye. V.

meaning for each of its formulae

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ASSOCIATION

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PADUCHEVA, Ye.V.

Synthesis of complex sentences with unambiguous syntactical structure; for the translation from an information and logical language into Russian. NTI no.6:43-49 '64. (MIRA 17:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye.V.

Redundancy of certain antitheses in the case system of the Russian noun. Soob. Otd.mekh.i avtom.inform.rab. no.2:156-165 '61. (MIRA 15:2)

(Machine translating)
(Russian language)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye.V.

Programming analysis of the English language (for translation through an intermediate language). Soob. Otd.mekh.i avtom. inform.rab. no.2:210-227 '61. (MIRA 15:2)

(Programming languages (Electronic computers))
(English language)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHEVA, Ye. V. (Moscow)

"Several Questions of Analysis of Complex Sentences and Sentences with Homogeneous Members."

Theses - Conference on Machine Translations, 15-21 May 1958, Moscow.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

LANGLEBEN, M. M. and PADUCHEVA, Ye. V. (Moscow)

"Elimination of Morphological and Syntactical Homonyms in the Analysis of English Text."

Theses - Conferencee on Machine Translations, 15-21 May 1958, Moscow.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

VOLOTSKAYA, Z. M., PADUCHEVA, Ye. V., SHELIMOVA, I. N. and SHUMILINA, .A. L.(Moscow)

"(Sintagmy) of the Russian Language."

Theses-Conference on Machine Translations, 15-21 May 1958, Moscow.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SHUV, Sh.I.; PADUCHIKH, I.P.

Protective casing for fagoting presses. Mashinostroitel' no.9:33 S '59. (MIRA 13:2)
(Power presses--Attachments)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 9462-66 FBD/EWT(1)/EWT(m)/EEC(k)-2/T/EWP(k)/EWA(h)/EWP(b)/EWA(m)-2/EWP(t)

ACC NR: AP5027431SCTB/IJP(c) WG/JD SOURCE CODE: UR/0181/65/007/011/3421/3422

AUTHOR: Kryukova, I. V.; Karnaukhov, V. G.; Paduchikh, L. I. 44 44 44

ORG: none

70
B

TITLE: Stimulated emission from diffused gallium antimonide p-n junctions 27 27

SOURCE: Fizika tverdogo tela, v. 7, no. 11, 1965, 3421-3422

TOPIC TAGS: gallium antimonide, pn junction, stimulated emission, laser, 25,44 semiconductor laser, junction laser

ABSTRACT: Stimulated emission was obtained at liquid nitrogen temperature in diffused GaSb p-n junctions. The diodes were fabricated by diffusing zinc from the gas phase into n-type wafers of GaSb grown by the Czochralski method. The Fabry-Perot cavity of the 0.4 x 0.4 x 0.4 mm diode was formed by cleaving. Carrier concentration and mobility of the samples were 2.9×10^{17} cm^{-3} and 3200 $cm^2/v \cdot sec$, respectively. The spectrum of recombination radiation at various current densities (j) is shown in Fig. 1. Fig. 2 shows the narrowing observed at the threshold for the onset of stimulated emission at $j = 3—5 \times 10^4$ amp/cm^2. The maximum narrowing of the line (half-width of 0.006 ev) was achieved at $j = 5.4 \times 10^4$ amp/cm^2 and was limited by the width

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L 9462-66

ACC NR: AP5027431

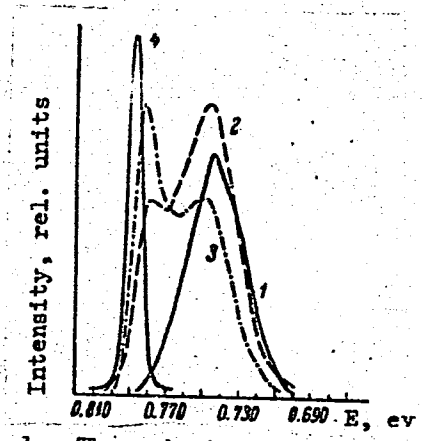

Fig. 1. The emission spectrum of Ga at 77K for the following current densities:

1 - 1.0 x 10^4; 2 - 2.2 x 10^4;
3 - 1.8 x 10^4; 4 - 4.5 x 10^4 amp/cm^2
(E_{max} = 0.790 ev).

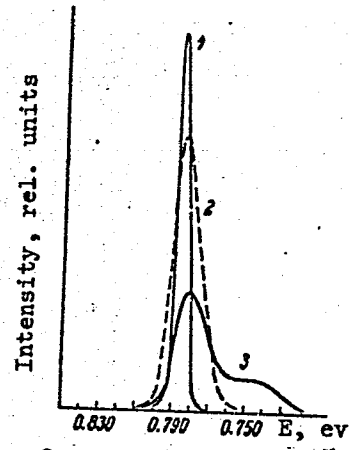

Fig. 2. Narrowing of the spectral line at the onset of stimulated emission at 77K and at the current densities of:

1 - 5.4 x 10^4; 2 - 3.1 x 10^4;
3 - 1.0 x 10^4 amp/cm^2.

Card 2/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 9462-66

ACC NR: AP5027431

of the slit of the monochromator. The intensity of the line was not proportional to j. The laser action was attributed to interband transitions. Orig. art. has: 2 figures.

[CS]

SUB CODE: 20/ SUBM DATE: 31Mar65/ ORIG REF: 001/ OTH REF: 002/
ATD PRESS: 4155

jw
Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 38880-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) AT/JD/JG

ACC NR: AP6018569 SOURCE CODE: UR/0181/66/008/006/1942/1944

76

B

AUTHOR: Kryukova, I. V.; Paduchikh, L. I.; Karnaukhov, V. G.

ORG: none

TITLE: Recombination radiation from gallium antimonide p-n junctions

SOURCE: Fizika tverdogo tela, v. 8, no. 6, 1966, 1942-1944

TOPIC TAGS: gallium compound, antimonide, pn junction, recombination radiation, optic transition, radiation spectrum, impurity level, conduction band

ABSTRACT: In view of the lack of unanimity on the nature of the lines observed in the recombination-radiation of gallium antimonide p-n junctions, the authors present additional data and propose a new scheme for the radiative transitions. The spectral composition of radiation was investigated as a function of the current density and the concentration of the doping impurity in the initial material. The samples used were n-type with electron densities from 8×10^{16} to 2.3×10^{18} cm^{-3}. The p-n junctions were produced by diffusion of zinc. In addition, alloyed p-n junctions were prepared from undoped p-type samples with hole density 1.5×10^{17} cm^{-3}. Radiation was applied in pulses at 77K. The radiation spectra of the diffusion junctions were strongly dependent on the degree of doping, exhibiting three intense lines at low densities and only one line at high densities. An increase in the current density shifts the line peak to lower energies. An interpretation of the spectrum is presented, wherein the short-wave peak is attributed to radiative recombination of the

Card 1/2

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L 38880-66

ACC NR: AP6018569

injected carriers, and the long-wave peak is related to radiative transitions of the carriers from the conduction band at the impurity levels. The variation in the number of spectral lines with the impurity density is attributed to incomplete overlap of the levels of the zinc and the residual impurities. Orig. art. has: 1 figure.

SUB CODE: 20/ SUBM DATE: 07Aug65/ OTH REF: 005

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUCHIKH, L. V.

Dissertation: "Change in the Chemical Composition of Apples When Stored in the Usual and in Snow Storage Places." Cand Agr Sci, Omsk Agricultural Inst, Omsk, 1954. (Referativnyy Zhurnal--Khimiya, Moscow, No 11, Jun 54)

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Biochemical peculiarities of apple fruit grown in Omsk
V. N. Ruchkin, F. G. Kropacheva, and L. V. Paluchikh (S. M. Kirov Agr. Inst., Omsk). *Biokhim. Plodov i Ovoshchei, Akad. Nauk S.S.S.R., Inst. Biokhim., Sbornik* 3, 221–39(1955).—Tables of analyses of cultured and wild varieties of apples grown in Omsk area are given for dry matter, pectins, nitrogenous substances, ascorbic acid and intensity of respiration. The wild varieties tend to contain higher levels of vitamin C, but this tends to decline more rapidly in storage than is true of the cultured varieties. Wet and cold summers tend to lower the activity of oxidases. Within a given variety no correlation could be found between storage stability, preservation of vitamin C, and oxidase activity.

G. M. Kosolapoff

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SOV/3-59-5-31/34

22(1)

AUTHOR: Paduchikh, L.V., Candidate of Agricultural Sciences.

TITLE: Bibliography. This Book Should not Have Been Recommended to Vuzes

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 5, pp 90 - 92 (USSR)

ABSTRACT: This is a review of a training aid named "The Technology of Agricultural Products" by V.S. Shmal'ko, approved by the Glavnoye upravleniye sel'skokhozyaystvennykh vuzov (Main Directorate of Agricultural Vuzes) and published in 1957 by Sel'khozgiz. There are 2 Soviet references.

ASSOCIATION: Belotserkovskiy sel'skokhozyaystvennyy institut (Agricultural Institut at Belaya Tserkov)

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SEMENOV, Vasiliy Ivanovich; KUTSENKO, Petr Prokof'yevich; PADUCHIN, Leonid Pudovich; AKIMOVA, N.M., otvetstvennyy redaktor; LEYBOV, M.K., redaktor; SUSHKEVICH, V.I., tekhnicheskiy redaktor

[Automatization of telephone communication in a district] Avtomatizatsiia telefonnoi sviazi v raione. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 37 p. (MLRA 10:5)

(Telephone, Automatic)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUKOV, V.A.

A method of estimating the fractured state of rocks. Zap. LGI 49 no.1:72-73 '64. (MIRA 18:8)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

GOLOVIN, G.M., kand.tekhn.nauk; PADUKOV, V.A., inzh.

Determining the optimum feeding forces of rock drills.
Gor. zhur. no.6:70-71 Je '62. (MIRA 15:11)

1. Leningradskiy gornyy institut.
(Rock drills)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

VEDERNIKOV, V.A., prof.; LIPSKIY, I.A., assistent; PADUN, A.I., ordinator

Control of suppurative diseases among workers at sawmill No.3. Vest. derm.i ven. 33 no.4:79 Jl-Ag '59. (MIRA 12:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney Arkhangel'skogo meditsinskogo instituta.
(SKIN--DISEASES) (ARCHANGEL--WOODWORKERS--DISEASES AND HYGIENE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AR4022429 S/0058/64/000/001/A026/A026

SOURCE: RZh. Fizika, Abs. 1A253

AUTHOR: Ofengenden, R. G.; Padun, G. S.; Parovik, N. M.; Lyubanskiy, G. B.

TITLE: Analyzer for simultaneous measurement of neutron spectra, background, and effect by the time-of-flight method

CITED SOURCE: Tr. 5-y Nauchno-tekhn. konferentsii po yadern. radioelektronike. T. 2. Ch. 2. M., Gosatomizdat, 1963, 7-15

TOPIC TAGS: time of flight spectrometry, neutron spectrometry, background determination, mechanical neutron beam modulation, neutron channel width, background channel width

TRANSLATION: The time analyzer is intended for simultaneous time-of-flight spectrometry of the neutron spectra and the background.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AR4022429

The instrument is designed to operate in conjunction with a mechanical chopper which modulates the neutron beam. The time intervals during which the background and the effect are registered are symmetrical with respect to the neutron pulse. The background events are recorded in 128 channels while the effect is recorded in 896 channels. It is possible to employ also all the 1024 analyzer channels to measure the effect. The channel width for the registration of the effect is regulated between 0.5 and 128 msec. The channel width for the background events is seven times larger. Provision is made for the investigation of individual parts of the spectra. The information is read out to a rapid printer with a printing rate of 10 pulses per second. Yu. Semenov.

DATE ACQ: 03Mar64 SUB CODE: PH ENCL: 00

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUN, N.M.

AGALINA, M.S., inzh.; AKUTIN, T.K., inzh.; APRESOV, A.M., inzh.; ARISTOV, S.S., kand. tekhn. nauk,; BELOSTOTSKIY, O.B., inzh.; BERLIN, A.Ye,,inzh.; BESSKIY, K.A., inzh.; BLYUM, A.M., inzh.; BRAUN, I.V., inzh.; BRODSKIY, I.A., inzh.; BURAKAS, A.I.,inzh.; VAYNMAN, I.Z., inzh.; VARSHAVSKIY, I.N.,inzh.; VASIL'YEVA, A.A.,inzh.; VORONIN, S.A.,inzh.; VOYTSEKHOVSKIY, L.K., inzh.; VRUBLEVSKIY, A.A.,inzh.; GERSHMAN, S.G., inzh.; GOLUBYATNIKOV, G.A.,inzh.; GOHLIN, M.Yu., inzh.; GRAMMATIKOV, A.N., inzh.; DASHEVSKIY, A.P.,inzh.;DIDKOVSKIY, I.L., inzh.; DOBROVOL'SKIY, N.L.,inzh.; DROZDOV, P.F.,kand. tekhn. nauk,; KOZLOVSKIY,A.A.,inzh.; KIRILENKO, V.G.,inzh.; KOPELYANSKIY, G.D.,kand. tekhn. nauk,; KORETSKIY, M.M.,inzh.; KUKHARCHUK, I.N.,inzh.; KUCHER, M.G.,inzh.; MERZLYAK, M.V.,inzh.; MIRONOV, V.V.,inzh.; NOVITSKIY, G.V.,inzh.; PADUN, N.M.,inzh.; PANKRAT'YEV, N.B., inzh.; PARKHOMENKO, V.I.,kand. biol. nauk,; PINSKIY, Ye.A.,inzh.; POLLUBNYY, S.A., inzh.; PORAZHENKO, F.F.,inzh.; PUZANOV, I.G.,inzh.; REDIN, I.P.inzh.; REZNIK, I.S.,kand. tekhn. nauk,; ROGOVSKIY, L.V.,inzh.; RUDERMAN, A.G.,inzh.; RYBAL'SKIY, V.I.,inzh.; SADOVNIKOV, I.S.,inzh.; SEVER'YANOV, N.N.,kand. tekhn. nauk,; SEMESHKO, A.T.,inzh.; SIMKIN, A.Kh., inzh.; SURDUTOVICH, I.N.,inzh.; TROFIMOV, V.I.,inzh.; FEFER, M.M.,inzh.; FIALKOVSKIY, A.M.,inzh.; FRISHMAN, M.S., inzh.; CHERESHNEV, V.A., inzh.; SHESTOV, B.S., inzh.; SHIFMAN, M.I., inzh.; SHUMYATSKIY, A.F.,inzh.; SHCHERBAKOV, V.I.,inzh.; STANCHENKO, I.K., otv. red.; LISHIN, G.L.,inzh.,red.; KRAVTSOV,Ye.P., inzh.,red.; GRIGOR'YEV, G.V.,red.; KAMINSKIY, D.N.,red.; KRASOVSKIY, I.P.,red.; LEYTMAN, L.Z., red.[deceased]; GUREVICH, M.S.,inzh.,red.; DANILEVSKIY, A.S.,inzh.,red.; DEMIN, A.M., inzh.,red.; KAGANOV, S.I.,inzh.,red.; KAUFMAN, B.N., kand. tekhn. nauk, red.; LISTOPADOV, N.P.,inzh.,red.; MENDELEVICH, I.R., inzh.,red.[deceased];

(continued on next card)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

AGALINA, M.S.... (continued) Card 2.

PENTKOVSKIY, N.I., inzh., red.; ROZENBERG, B.M., inzh., red.; SLAVIN, D.S., inzh., red.; FEDOROV, M.P., inzh., red.; TSYMBAL, A.V., inzh., red.; SMIRNOV, L.V., red. izd-va.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining ; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ugol'noi' promyshl. Vol. 3. [Organization of planning; Construction of surface buildings and structures] Organizatsiia proektirovaniia; Stroitel'stvo zdanii i sooruzhenii na poverkhnosti shakht. 1958. 497 p. (MIRA 11:12)

(Mining engineering)
(Building)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUN-LUK'YANOVA, L.N. (Kiyev)

Investigating the strength of multipanel three-dimensional framework. Prykl.mekh. 6 no.1:76-87 '60. (MIRA 13:6)

1. Institut stroitel'noy mekhaniki AN USSR.
(Structural frames)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUN-LUK'YANOVA, L.N. [Padun-Luk"ianova, L.M.]

Stability of single-stage three-dimensional frames. Zbir.prats'. Inst.mekh.AN URSR no.23:57-75 '61. (MIRA 14:12)
(Strucutral frames)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

RUMANIA / Farm Animals. Domestic Fowls Q-6

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12192

Author : Paduraru Anatol
Inst :
Title : The Rearing of Chickens in Batteries (Vyrashchivaniye tsyplyat v batareyakh)

Orig Pub: Probl. zootehn., 1957, No 3, 32-38

Abstract: No abstract.

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ALBOIU, Marieta; NITULESCU, Marcela; PADURARU, Aneta

The drying up of the rivers in the Cris Basin. Studii hidrol 3:15-23 '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

DINU, M.; POPA, L.; PADURARU, I.

Research on the correlation between the thyroid functional state and some biochemic constants in rabbit liver and blood serum. Studii cerc biol anim 15 no.2:159-169 '63.

1. Comunicare prezentata de V. Ghetie.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

DINU, M.; VERMESANU, N.; PADURARU, I.

Influence of the nature of proteins in the rations with increased content of maize on the physicochemical characteristics of swine carcasses. Studii cerc biol anim 14 no.13: 421-434 '62.

1. Comunicare prezentata de V. Ghetie, membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de biologie; Seria biologie animala."

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Faduraru, I.

TARASCHIVESCU, M.
Surname (in caps); Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: Zootechnical Research Institute (Institutul de Cercetari Zootehnice).

Source: Bucharest, Problema Zootehnice si Veterinara, No 7, Jul 61, pp 63-71.

Data: "Technical-Economic Considerations on Artificial Inseminations (Preliminary Note)."

Co-authors

FADURARU, I., Engineer, Zootechnical Research Institute.
NICOLAE, I., Constanta Regiune People's Council (Sfatul Popular Regional Constanta), Dobrogea Regiune.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

DINU, M.; PADURARU, I.; NEDELNIUC, V.

Functional correlation to the thyroid gland with the morphophysiological characteristics in the ontogeny of rabbits. Studii cerc biol anim 15 no.1:29-43 '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADURARU, I.;TASCENCO, V.;DINU, M.

Securing additional proteins for the hogs of the Marele Alb breed being fattened with maize, p. 171.

STUDII SI CERCETARI DE BIOLOGIE. SERI BIOLOGIE ANIMALA. Bucuresti. Vol. 11, no. 2, 1959.

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

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADURARU, Victoria

A powerful mobilizing force. Munca sindic 7 no.5:48-50 My '63.

1. Membra a comitetului sindicatului de la "Intreprinderile Textile", Galati.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUROV, N.N.

OSU-Am 1710 S-239

MAP: IRTYSH river, region.

Padurov, N.N.: Kristallicheskiye Slantsy Irtyshskikh
Gor. Vyp. 88, 1929, p. 54.
Materialy po obshchev i prikladnoy Geologii.
Geologicheskiy Komitet., Leningrad.
Library of Congress, Washington, D.C. QE276-M3
Petrological map of the crystalline slates of the above-named region. Scale 1:21,000, Ust-Kamensgorsk town, Beresovka, village. 1 railroad.
Area 49°54'-50°20' N; 81°50'-82°50' E.

(101)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PROCESSES AND PROPERTIES INDEX

X-ray investigations of tetraamineplatinous chloride. N. Padurov and L. G. Popov. *Mem. soc. russe mineral.* 63, 513-15(in German 515)(1934).--The clear colorless crystals of $Pt(NH_3)_4Cl_2$ aq. are prismatic in habit, up to 3 mm. in length and 0.1-0.2 mm. thick. The system is tetragonal. Common forms (100) and the tetragonal dipyramid (111). The unit cell is a = 7.274 A., c = 4.155 A. ρ_{111} = 38°56'. Uniaxial, neg. Refractive indices: ϵ = 1.597, ω = 1.613. R. H. Beckwith

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CA

8

Wulfenite crystals from Almalyk. O. G. PADUROVA. *Mim. soc. russ mineral.* [2], 58, 109–15(1929); *Mineralog. Abstracts* 4, 378.—Microchem. tests showed the presence of Mo, Pb and Ba in crystals of wulfenite from Almalyk in the Tyuya-Muyun district, Fergana. J. F. SCHAIRER

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

IONESCU-MIHAIESTI, C.,academician,; SORU, Eugenia.,; DIMBOVICEANU, Aristia,; PADURARU-DUMITRESCU, Maria,; WISNER, B.

Pathogenesis of tuberculosis. III. Study of the respiration and enzymatic complex of pathogenic and saprophytic Mycobacteria. Stud. cercet. inframicrobiol., Bucur. 6 no.1-2:155-186 Jan-June 55.

(MYCOBACTERIUM TUBERCULOSIS, metabolism
oxygen consumption & enzyme activity)
(MYCOBACTERIUM
phlei, oxygen consumption & enzyme activity)
(ENZYMES
enzymatic activity of M. tuberc. & M. phlei)
(METABOLISM
oxygen consumption of M. tuberc. & M. phlei)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SORU, Eugenia; BARBER, Cella; ISTRATI, Maria; PADURARU-DUMITRESCU, Maria; PODHORSKI, Eugenia.

Effect of isonicotinic acid hydrazide on mycobacteria. I. Effect on the enzyme system and chemical structure of the Bacillus paratuberculosis Grassberger 55. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:533-564 July-Dec 1955.

(MYCOBACTERIUM
paratuberculosis, eff. of isoniazid on enzyme system & chem. structure)

(NICOTINIC ACID ISOMERS, eff.
isoniazid, on enzyme system & chem. structure of Mycobacterium paratuberculosis)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BUJOREAN, G.; ARVAT, A., [deceased]; SERBANESCU, I.; POPESCU, P. C.; GRIGORE, S.; OPREA, Reghina; PADUREANU, O.; ROMAN, N.

Lythrum tribracteatum Salzm., a new plant in the flora of Rumania. (Contributions to the flora of People's Republic of Rumania). Studii agr Timisoara 8 no.1/2:119-128 '61.

(Rumania—Lythraceae)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CA

Ovulation in rabbits induced by copper acetate. A. L. Padusheva and I. A. Eskin. *Bull. biol. méd. expti. U. R. S. S.* 4, 438-40(1937) (in English).—No differences were observed in the time interval for ovulation, formation of hemorrhagic follicles, no. of ruptured follicles and capacity of the egg cells to be fertilized between the intravenous injection of 9–12 mg. of $Cu(OAc)_2$ and of gonadotropic agents in their action on the ovary in rabbits. Doses of 17 mg. and over of $Cu(OAc)_2$ were lethal to the rabbits. S. A. K.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CITED SOURCE: IZV.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MOROZOV, B.N.; PADUSOVA, Ye.V.

Dispersion equations for bent diaphragmed wave guides with a rectangular cross section. Izv. TPI 105:227-239 '60. (MIRA 16:8)

1. Predstavleno nauchnym seminarom radiotekhnicheskogo fakul'teta Tomskogo ordena Trudovogo Krasnogo Znameni politekhnicheskogo instituta imeni Kirova.
(Wave guides)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUSZEK GOTHARD

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUSZYNSKI, Jerzy, mgr

Loss-traverse method of evaluating the density of microfissures.
Nafta 21 no.1: Suppl: Biul inst naft 15 no.1/2:2-3 '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADUSZYNSKI, Jerzy, mgr

Remarks concerning tests of fissured oil collectors. Nafta 21 no.1: 13-16 Ja '65.

1. Petroleum Institute, Krakow.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADVA, G. D., Cand Chem Sci -- (diss) "Interaction of Diketene with Dioxynaphthalenes." Len, 1957. 11 pp (Len State Pedagogical Inst im A. I. Gertsen, Chair of Organic Chemistry) (KL, 50-57, 118)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Padva, G.D.

PEREKALIN, V.V.; PADVA, G.D.

Reactions of diketene. Part 5: Reaction of diketene with dioxynaphthaline. Zhur. ob. khim. 27 no.9:2578-2585 S '57. (MIRA 11:3)

1. Leningradskiy pedagogicheskiy institut imeni A.I. Gertsena.
(Ketene) (Naphthaline)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PEREKALIN, Vsevolod Vasil'yevich; Prinimali uchastiye: SOPOVA, A.V.; LERNER, O.M.; ZONIS, E.S.; ZOBACHEVA, M.M.; KVITKO, S.M.; BASKOV, Yu.V.; KAPLIN, S.V.; POLYANSKAYA, A.S.; PADVA, G.D.; ZONIS, S.A., red.; FOMKINA, T.A., tekhn. red.

[Unsaturated nitro compounds] Nepredel'nye nitrosoedineniia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 335 p. (MIRA 14:7)

(Nitro compounds)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADVA, G.D.; PEREKALIN, V.V.; RUMYANTSEVA, Ye.G.

Reactions of diketenes. Part 6: Interaction of diketene with some hydroxy compounds of the biphenyl series. Zhur.ob.khim. 34 no.1:102-105 Ja '64. (MIRA 17:3)

1. Leningradskiy pedagogicheskiy institut imeni A.I.Gertsena.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADVA, G.D.

Synthesis of some aryl acetoacetates and derivatives of methylcoumarin based on diketene. Zhur.prikl.khim. 33 no.2:489-490 F '60. (MIRA 13:5)
(Acetoacetic acid) (Coumarin) (Ketene)

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VAL'DBERG, A.Yu., inzh.; ZAYTSEV, M.M., inzh.; PADVA, V.Yu., inzh.; TEPLITSKIY, V.I., inzh.; TIMOFEYEV, N.S., inzh.

Results of comparative tests of cone cyclones with a spiral gas supply. Khim. i neft. mashinostr. no.6:3-5 D '64 (MIRA 18:2)

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PADVE, A.B., podpolkovnik med.sluzhby

Loading patients on stretchers into ambulances. Voen.-med.zhur. no.11:70-72 N'56 (MIRA 12:1)
(TRANSPORT OF AND WOUNDED)

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PADVE, E.M.; SOKOLOVA, YE.A.

New data on the stratigraphy of upper Devonian and lower Carboniferous deposits of the Dzhail'minskaya synoline in the Atasuyskiy region of central Kazakhstan. Izv.AN SSSR. Ser.geol. 21 no.7:98-102 Jl '56. (MLRA 9:10)

1. Geologicheskiy institut Akademii nauk SSSR, Moskva.
(Atasuyskiy region--Geology, Stratigraphic)

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AGACHEV, Pavel Yegorovich; KALININ, R.A., retsenzent; TOPAZOV, N.G., retsenzent; KORMAN, A.G., kand. tekhn. nauk, nauchnyy red.; PADVO, A.B., nauchnyy red.; KLIORINA, T.A., red.; FRUMKIN, P.S., tekhn. red.

[Course in higher mathematics for students of technical correspondence schools and for self-teaching] Kurs vysshei matematiki dlia uchashchikhsia zaochnykh tekhnikumov i samoobrazovaniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1961. 671 p. (MIRA 14:10)

(Mathematics)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KUSHCHENKO, Vasiliy Semenovich; PROTASOV, A.M., kand. fiz.-mat. nauk, retsenzent; PADVO, A.B., nauchn. red.; KLIORINA, T.A., red.; ERASTOVA, N.V., tekhn. red.

[Problems with solutions for competitive examinations in mathematics] Sbornik konkursnykh zadach po matematike s resheniiami. Leningrad, Sudpromgiz, 1963. 591 p. (MIRA 16:11)

1. Zaveduyushchiy kafedroy vysshey matematiki Leningradskogo korablestroitel'nogo instituta (for Protasov).
(Mathematics--Problems, exercises, etc.)

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Padweinskaia, O. N. *Gegossene Magnesiumlegierungen mit erhöhtem Korrosionswiderstand.* [In Russian.] Pp. ii + 54. 1937. Moscow and Leningrad: Onti. (Rbl. 1.50.)

COMMON ELEMENTS INDEX

COMMON ELEMENTS

OPER.

MATERIALS INDEX

A58-51A METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PADWYSOCKI, S.

Stages in the development of the tariff system of Soviet railroads. p. 407 PRZEGLAD KOLEJOWY (Wydawntctwa Komunikacyjne) Warszawa. Vol. 6, no. 11, Nov. 1954.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol.4 , no. 12, December 1955

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

GUL'NITSKIY, N.S.; PADYUKOV, M.V.; BABAYEV, I.G.

Attaining the rated capacity of the mine No.38. Ugol' 35 no.7:23-25 Jl '60. (MIRA 13:7)

1. Nachal'nik Shakhty No.38 kombinata Karagandaugol' (for Gul'nitskiy)2. Nachal'nik planovogo otdela Shakhty No.38 kombinata Karagandaugol' (for Padyukov). 3. Nauchal'nik otdela organizatsii truda Shakhty No.38 kombinata Karagandaugol' (for Babayev).
(Karaganda Basin--Coal mines and mining)

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FASMAN, A.B.; PADYUKOVA, G.L.; SOKOL'SKIY, D.V., akademik

Mechanism of carbon monoxide adsorption and conversion in the liquid phase. Dokl. AN SSSR 150 no.4:856-858 Je '63. (MIRA 16:6)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.
2. Akademiya nauk Kazakhskoy SSR (for Sokol'skiy).
(Carbon monoxide) (Adsorption)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SHVACHKIN, Yu.P.; NOVIKOVA, M.A.; REZNIKOVA, M.B.; PADYUKOVA, N.Sh.

New synthesis and feasibility of the fermentative activation of β-(4-hydroxy-2-pyrimidinyl)alanine. Zhur.ob.khim. 33 no.12:4022-4023 D '63. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet i Institut khimii prirodnykh soyedineniy AN SSSR.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

WOLSKI, A.; KURZEPA, St.; PADZIK, H.

Studies on the etiopathogenesis of cervical incompetence. Gin. polska 32 no.5:639-648 '61.

1. Z III Kliniki Poloznictwa i Chorob Kobiecych AM Kierownik: prof. dr J.Lesinski Zakladu Farmakologii P.o.kierownik: dr St.Kurzepa Laboratorium Chemiczno-Bakteriologicznego Kierownik: dr W.Soleoka Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr F.Groer.
(CERVIX UTERI dis) (PREGNANCY compl)

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POL.

Quantitative determination of adenine and guanine in the scales of psoriasis vulgaris. A. Dmochowski and Halina Padzik (Univ. Łódzki, Łódź, Poland). *Acta Biochim. Polon.* 1, 73-80(1954).—The scales, dried at 105°, were hydrolyzed in 10-15 vols. of 5% H_2SO_4 for 8 hrs. at 100°. Purines were isolated from the filtrate of the hydrolyzate by adding excess of $NaHSO_3$ and then hot 1% $CuSO_4$, liberating the purines from the ppt., and repeating the pptn. once or twice. In some cases the redissolved purines then were pptd. with Ag_2O, decompd. with hot *N* HCl. From the clear filtrate (I) guanine was pptd. by addn. of concd. NH_3 and purified by dissolving in 0.1*N* NaOH and reppto. with 2% AcOH. Adenine was pptd. from I as the picrate (at pH 4) and recrystallized. Freshly collected samples and samples 2 weeks old, and many months old were analyzed. The total N of I was 137 mg. %, adenine N 39-69 mg. %, and guanine N 47.5-73 mg. %.

I. Z. Roberts

1

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

WOLSKI, Adam; PADZIK, Halina

Urinary steroid hormones and cytology of threatened abortion treated with stilbestrol. Gin.polska 29 no.1:89-102 Jan-Feb 58.

1. Z III Kliniki Poloznictwa i Chorob Kobiecych A.M. w Warszawie Kierownik: prof. dr med. J. Lesinski. i z Kliniki Poloznictwa i Chorob Kobiecych Instytut Matki i Dziecka. Kierownik: prof. dr med. J. Leinski. Adres: Warszawa, Plac Konstytucji 7 m 67.

(ABORTION,
threatened, diag. by urinary steroid levels & vaginal cytol & ther. value of diethylstilbestrol (Pol))
(DIETHYLSTILBESTROL, ther use.
threatened abori abortion (Pol))
(ESTROGENS, in urine
in threatened abortion, diag. value (Pol))
(17-KETOSTEROIDS, in urine
same (Pol))
(PREGNANDIOL, in urine
same (Pol))

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

BIELECKI, Antoni; PADZIK, Halina

Vasomotor disorders in women in menopause and urinary 17-ketosteroid level. Ginek. pol. 34 no.2:211-214 '63.

1. Z Kliniki Poloznictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr med. F. Groer Kierownik Kliniki: prof. dr med. J. Lesinski.
(MENOPAUSE) (VASOMOTOR SYSTEM)
(17-KETOSTEROIDS) (URINE)

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PADZIK-GRACZYK, Alfreda

Electic properties of biologically active organic compounds.
Kosmos biol 13 no.6:501-508 '64.

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L 41023-66 EWT(m)/EWP(t) /ETI IJP(c) JD
ACC NR: AP6019653 SOURCE CODE: UR/0368/66/004/006/0529/0534

AUTHOR: Pae, A.; Rebane, K. S.; Piyr, K.

ORG: none

58
B

TITLE: Luminescence of ZnS-AgAlS$_2$

SOURCE: Zhurnal prikladnoy spektroskopii, v. 4, no. 6, 1966, 529-534

TOPIC TAGS: zinc sulfide optic material, luminescence, emission spectrum, spectrographic analysis

ABSTRACT: The luminescence of ZnS-AgAlS$_2$ phosphors was investigated. To prepare AgAlS$_2$, Ag$_2$S and Al$_2$S$_3$ were mixed in a dry form and heated in an evacuated sealed quartz ampule at 850—950C for 12 hr. To prepare the ZnS-AgAlS$_2$ the powder of ZnS was preliminarily heated in a flow of H$_2$S at 450C for 1 hr, mixed with AgAlS$_2$ and heated for 4.5 hr at 1150C. The concentration of AgAlS$_2$ varied from $5 \cdot 10^{-5}$ to 1.0 mol %. The emission spectra were measured by a monochromator and photomultiplier and the excitation spectra by spectrophotometers. The emission spectrum of ZnS-AgAlS$_2$ revealed three bands with peaks of about 2.8 (blue band), 2.4 (green band), and 2.0 eV (red band). However, all these bands were evident only at low concentrations of AgAlS$_2$ in the phosphor. The blue band dominated

UDC: 535.37

Card 1/2

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PAE, ".

New possibility for studying the properties of a diffraction grating in a physical laboratory. Izv.vys. ucheb. zav.; fiz. 8 no.3:159-160 '65. (MIRA 18:9)

1. Tartuskiy gosudarstvennyy universitet.

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