ORLOVA, A.A.

Change in heart functions due to lead and mercury intoxications; according to electrocardiograph data. Trudy AMN SSSR 31:102-112 '54. (MLRA 7:10)

(Lead poisoning) (Mercury--Toxicology) (Heart)

ORLOVA, A.A.

SADCHIKOVA, M.N.; ORLOVA, A.A. (Moskva)

Clinical aspects of continuous exposure to electromagnetic microwaves. Gig. truda i prof.zab. 2 no.1:16-22 Ja-F '58. (MIRA 11:3)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.
(ELECTROMAGNETISM--PHYSIOLOGICAL EFFECT)

SHATALOV, N.N., ORLOVA, A.A.,

Clinical aspects of acute phenylhydrazine poisoning. Gig.truda i prof.zab. 2 no.2:12-16 Mr-Ap'58 (MIRA 11:6)

1. Klinicheskiy sektor Instituta gigiyeny truda i profzabolevaniy AMN SSSR.
(HYDRAZINE--TOXICOLOGY)

DROGICHINA, E.A.; MAZUNINA, G.N.; ORLOVA, A.A.; RASHEVSKAYA, A.M.; SOLOV'YEVA, Ye.A. (Moskva)

Clinical aspects of chronic intoxication in the production of synthetic rubber (divinyl styrene, chloroprene). Gig.truda i prof.zab. 3 no.3:10-14 My-Je '59. (MIRA 12:10)

1. Klinika Instituta gigiyeny truda i profzabolevaniy AMN SSSR.
(RUBBER, SYNTHETIC--TOXICOLOGY)

ORLOVA, A.A.

Clinical aspects of changes in the internal organs under the effect of SHF. Trudy Inst. gig. truda i prof. AMN SSSR no.1: 36-40 '60. (MIRA 16:12)

ORLOVA, A.A., kand.med.nauk; MAZUNINA, G.N.

Effect of products from the manufacture of divinyl-styrene rubber on the health of the workers. Sov.med. 24 no.9:46-50 S '60. (MIRA 13:11)

1. Iz Instituta gigiyeny truda i profzabolevaniy (dir. - deyatvitel'nyy chlen AMN SSSR prof. A.A. Letavet) AMN SSSR.
(RUBBER INDUSTRY--HYGIENIC ASPECTS)

MOLOKANOV, K.P.; MOROZOV, A.L.; RASHEVSKAYA, A.M.; KRAPUKHINA, Ye.P.; ORLOVA, A.A.; STEPANOVA, V.I.; SHALYA, N.G.

Clinical, diagnostic, and therapeutic aspects of berylliosis. Sov.med. 25 no.4:22-30 Ap '61. (MIRA 14:6)

1. Is Instituta gigiyeny truda i profzabolevaniy (dir. - deystvitel'nyy chlen AMN SSSR A.A.Letavet) AMN SSSR.
(BERYLLIUM--TOXICOLOGY)

ORLOVA, A.A.; SOLOV'YEVA, Ye.A.

Clinical aspects of chronic action of a series of chemicals used in the production of synthetic rubber. Trudy Vor.med. inst. 47:86-87 '62 (MIRA 16:12)

1. Institut gigiyeny truda i professional'nykh zabolevaniy AMN SSSR.

KRAPUKHINA, Ye.P.; KOCHETKOVA, T.A.; ORLOVA, A.A. (Moskva)

Clinical aspects of pneumosclerosis of mixed etiology (beryllosis and silicosis). Gig. truda i prof. zab. 7 no.1:41-44 Ja'63 (MIRA 16:12)

1. Institut gigiyeny truda i professional'nykh zabolevaniy AMN SSSR.

ORLOVA, A.A., kand. med. nauk

Case of chronic beryllosis complicated by a recurrent bilateral spontaneous pneumothorax. Trudy 1-go MMI 28:96-99 '64.

(MIRA 17:...

1. Klinicheskiy otdel Instituta gigiyeny truda i professional'nykh zabolevaniy AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Letavet).

RASHEVSKAYA, A.M., prof.; MOLCHANOV, K.I., prof.; SENKEVICH, N.A., dotsent; ORLOVA, A.A., kand. med. nauk

Clinical picture of occupational pneumosclerosis. Gig. i san. 27 no.4:33-38 Ap '62. (MIRA 15:4)

1. Institut gigiyeny truda i professional'nykh zabolevaniy AMN SSSR i kafedra profbolezney TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

RASHEVSKAYA, A.M.; NOLOKANOV, K.P.; ORLOVA, A.A.; SHATALOV, N.N., red.

[Berylliosis; clinical aspects, diagnosis, treatment, work capacity expertise] Berilliez; klinika, diagnostika, lechenie, ekspertiza trudosposobnosti. Moskva, Meditsina, 1965. 59 p. (MIRA 18:7)

ORLOVA, A. A.

ORLOVA, A. A. and GUROVA, I. K. Diseases (Fungus) of Oak Acorns," Lesnoe Khoziaistvo, vol. 3, no.6, 1950, pp. 57-59. 99.8 L5622

SO: SIRA,SI 90-53, 15 December 1953

ORLOVA, A. A.

ORLOVA, A. A. and BERNATSKAYA, I. D. "Resistance of Seedlings of Oak and Siberian Acacia (Caragan arborescens) to Damping-off Diseases," Lesnoe Khoziaistvo, vol. 3, no. 11, 1950, pp. 85-87. 99.8 L5622

SO: SIRA, SI 90-53, 15 December 1953

1. ORLOVA, A.A.

2. USSR (600)

7. "A New Disease of the Seeds of the Siberian Acacia", Lesnoye Khozyaystvo, No 5, 1951, pp 85-90.

9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan- Feb 1952, pp 121-132. Unclassified.

ORLOVA, A.A., YEVSEYENKO, I.D.

New data on the biology of the fungus Stromatinia pseudotuberosa Rhem. [with summary in English]. Biul.MOIP. Otd.biol.63 no.6:95-99 N-D '58 (MIRA 12:1)
(FUNGI--PHYTOPATHOGENIC)
(ACORNS--DISEASES AND PESTS)

ACC NR: AR6035281 SOURCE CODE: UR/0269/66/000/009/0009/0009

AUTHOR: Orlova, A. A.

TITLE: Representing the motion of a satellite of an axially symmetric planet in a coordinate form

SOURCE: Ref. zh. Astronomiya, Abs. 9.51.89

REF SOURCE: Soobshch. Gos. astron. in-ta im. P. K. Shternberga, no. 138, 1965, 3-31

TOPIC TAGS: satellite motion, perturbed satellite motion, symmetrical axis planet satellite, coordinate system, space coordinate system, space coordinate tracking, Moon, celestial body motion

ABSTRACT: A method is presented for isolating long-period perturbations in the motion of a satellite of an axially-symmetric planet by solving the problem in cylindrical coordinates. The method is used to compute long-period perturbations qualified by second, third, fourth, and fifth harmonics in expanding the force function of planet attraction. This method excludes nonperiodic terms from

Card 1/2 UDC: 521.4

ACC NR: AR6035281

expressions for the cylindrical coordinates of a satellite, obtained by the author earlier (RZhAstr, 1962, 8A110; 1965, 7.51.119). The presence of non-periodic terms in satellite coordinates, which correspond to a rapid increase in the amplitude of their fluctuations, does not agree with observations, so that these terms must be excluded by means of an appropriate selection of integration constants. The final form of the representation of perturbed coordinates resembles the form for the solution of the problem on the motion of the Moon in the Hill-Brown theory. The obtained expansions of coordinates are compared with the results obtained by D. Brouwer, who obtained osculatory elements with the same degree of accuracy (RZhAstr, 1960, No. 11, 11031). Long-period terms in osculatory elements, obtained from the proposed solution in a coordinate form, coincide with corresponding terms derived by Brouwer. Secular terms may be identified with the proper selection of random constants. A bibliography of 6 titles is included. Ye. Polyakhova. [Translation of abstract] [SP]

SUB CODE: 22/

Card 2/2

ORLOVA, A.F.; PAVLOVSKIY, Ye.N., akademik.

Effect of nutritional factors on the condition of gonads of gophers (Citellus pigmaeus Pall). Dokl.AN SSSR 92 no.1:177-179 S '53. (MLRA 6:8)

1. Akademiya nauk SSSR (for Pavlovskiy). 2. Leningradskiy gosudarstvennyy pedagogicheskiy institut im. A.I.Gertsena (for Orlov). (Gophers)

ORLOVA, A.F

USSR/General Division - Problems of Teaching. A-7

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25794

Author : Orlova, A.F.
Inst : Leningrad State Teachers Institute
Title : An Experiment in Organizing Field Work in Vertebrate Zoology in Connection With the Task of Deversifying Curricula.

Orig Pub : Uch. zap. Leningr. gos. ped. in-ta, 1955, 3, 55-56

Abst : In the course of field work, students engaged in the following projects: the planning of a 24-hour feeding schedule for poultry, the preparation of feed, feeding, handling, supervision of the post-embryonic development of chicks, and maintenance of adult fowl. At a biological station, the students participated in the protection and decoying of birds, setting up various types of birdhouses and observing their colonization, the reproduction of birds, the feeding and growth of fledgelings, and

Card 1/2

ORLOVA, A.P.

Sexual cycle in the lesser suslik. Uch.zap.Ped.inst.Gerts. 110: 23-58 '55. (Suslika) (MLRA 9:7)

ORLOVA, A.P.

Effect of an arid summer on the reproduction period of the small suslik. Dokl.AN SSSR 105 no.6:1368-1370 D '55. (MLRA 9:4)

1.Leningradskiy gosudarstvennyy pedagogicheskiy institut imeni A.I.Gertsena. Predstavlena akademikom Ye.N.Pavlovskim.
(Staraia Peltava District--Rodentia)

POLYANSKIY, Yu.I.; ORLOVA, A.F.

Temperature adaptation in infusorians. Part 1: Heat resistance of Paramaecium caudatum as related to the temperature conditions of the environment [with summary in English]. Zool. zhur. 36 no.11:1630-1646 N '57. (MLRA 10:11)

1. Laboratoriya protistologii Instituta tsitologii AN SSSR (Leningrad).
(Ciliata) (Temperature--Physiological effect)
(Adaptation (Biology))

ORLOVA, A.F.

Some characteristics of the life cycle of the alpine form of the lesser suslik (Citellus pygmaeus musicus Men.) as compared with a plain form (C. p. pygmaeus Pall.). Uch. zap. Ped. inst. Gerts. 230:289-310 '63. (MIRA 18:3)

VI'ANOV, I.V.; [illegible], A.I.; BYK, G.I.; KISLITSA, I.F.

Study of zirconium thiocyanide complexes in a perchloric medium by the extraction method. Ukr. khim. zhur. 30 no.7:758-[illegible] 1964. (MIRA 17:11)

1. Institut obshchey i neorganicheskoy [illegible] AN UkrSSR, laboratoriya v Odesse.

VINAROV, I.V.; ORLOVA, A.I.; BURTSENKO, L.M.

Extraction of perchloric acid with acetophenone. Ukr. khim. zhur. 31 no.3:277-282 '65. (MIRA 18:4)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, Laboratorii v Gdesse.

S/073/60/026/003/004/004
B016/B054

AUTHORS: Vinarov, I. V., Tselik, I. N., and Orlova, A. I.

TITLE: The Problem of Lixiviation of Germanium by Water From Coals

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, 1960, Vol. 26, No. 3, pp. 383 - 388

TEXT: The authors extracted germanium with distilled water (without using ultrasonic waves) from fat boiler coal of the type ПЖ (PZh), large-sized gas coal of the type ГК (GK), and low-ash, enriched coal in a ground state. The germanium content of the coals was 0.0030, 0.0023, and 0.0010%, respectively. Table 1 shows the granulometric composition of the ground coals. Table 2 and Fig. 1 show the results of the first test series conducted to study the dependence of extraction on the duration of lixiviation. Hence, it appears that germanium can be extracted from ground coals, even under standard conditions (without ultrasonic field or irradiation), but to a relatively small extent. The degree of extraction depends on the duration of the process. In further

Card 1/2

VINAROV, I.V.; TSELIK, I.E.; ORLOVA, A.I.

Leaching out germanium from coals with the use of water.
Zhur.prikl.khim. 33 no.7:383-388 Jl '60.
(MIRA 13:7)

1. Institut obshchey i neorganicheskoy khimii AN USSR, laboratoriya v Odesse.
(Germanium)

ORLOVA A.I.

33095
S/638/61/001/000/016/056
B104/B138

24.6700

AUTHORS: Gerasimov, A. G., Gorbunov, A. N. Dubrovina, V. A., Kalpov, D., Kuvatov, K., Orlova, A. I., Osipova, V. A., Sakovich, V A., Silayeva, V. S., Fomin, Yu. A. Cherenkov, P. A.

TITLE: Study of photodisintegration of nitrogen, oxygen and neon

SOURCE: Tashkentskaya konferentsiya po mirnomy ispol'zovaniyu atomnoy energii. Tashkent, 1959. Trudy, v. 1. Tashkent, 1961, 134 - 153

TEXT: The photodisintegration of N_7^{14}, O_8^{16}, and N_{10}^{20} was studied by means of a Wilson chamber in a magnetic field acting directly on the bremsstrahlung beam. In order to be able to distinguish reactions γp and γn and record the recoil nuclei, the Wilson chamber was filled with a mixture consisting of the gas to be investigated (nitrogen or neon) and hydrogen. Reduced pressure was used in experiments with oxygen. In experiments with nitrogen, oxygen, and neon, the stopping power for protons was 0.65, 0.31, and 0.50 relative to air. The mean energy of the photo- X

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S/638/61/201/000/018/056
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Study of photodisintegration ...

protons from $\int$pn reactions was lower than that from $\int$p reactions. The effective cross sections were calculated; their shape indicates the importance of transitions in the residual nuclei. The proton angular distribution from $\int$pn reactions is nearly isotropic for low proton energies. For high proton energies (>20 Mev), it is very similar to that in deuteron photodisintegration. The proton angular distribution from $\int$p reactions is approximately isotropic for N_7^{14} and O_8^{16} at low energies. In the expression $d\sigma/d\Omega = A(1+B/A\sin^2\Theta+C/A\sin^2\Theta\cos\Theta+D/A\cos\Theta)$, the effect of the last three terms in parentheses increases for higher energies. The isotropic part of the angular distribution is greater for N_7^{20} than for the two other isotopes. An abnormally high yield of the $\int$pn reaction was found for N_7^{14}; it is attributed to interaction of a photon with a pair of "valence" nucleons in the outer shell, which are in the $^1P_{1/2}$ state with parallel spins. During photon absorption, the electric dipole absorption plays an essential part in N and O nuclei. The logarithmic moments of the photon-absorption cross sections are in good agreement with results obtained on the basis of an independent-particle model. Yu. K. Khokhlov

Card 2/4

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3807

S/638/61/001/000/018/056
B104/B138

Study of photodisintegration ...

(DAN, SSSR, 1954, 97, 239; ZhETF, 1957, 32, 174) and A. B. Migdal (ZhETF, 1945, 15, 81) are mentioned. There are 9 figures, 7 tables, and 22 references: 8 Soviet and 14 non-Soviet. The four most recent references to English-language publications read as follows: Livesey D. L. Canad. Journ. Phys., 35, 9, 1957; Rhodes, Stephens W. E. Phys. Rev., 110, 1415, 1958; Elliot, Flowers B. H. Proc. Roy. Soc., A. 242, 57, 1957; Svantesson N. L. Nucl. Phys., 3, 273, 1957.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva AN SSSR (Physics Institute imeni P. N. Lebedev AS USSR)

Card 3/4

X

TSELIK, I. N.; TURKALOV, N. F.; ORLOVA, A. I.

Sorption of germanium oxide from aqueous solutions by coals.
Ukr. khim. zhur. 28 no.3:419-421 '62. (MIRA 15:10)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, laboratorii v Odesse.

(Germanium oxide) (Sorption) (Coal)

VINAROV, I.V.; ORLOVA, A.I.; KISLITSA, N.F.

Extraction of hydrorhodanic acid with acetophenone. Ukr.khim.zhur. 28 no.7:789-790 '62. (MIRA 15:12)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, laboratorii v Odesse.

(Rhodanine) (Acetophenone)

KNYAZEVA, L.A., kand.med.nauk; ARISTOVA, M.A.; KORSHUNOVA, N.A.; [redacted]SENKO, A.V.; SMAGINA, V.A.; ORLOVA, A.I.

Experience in detecting hypertensives. Trudy MONIKI no.5:88-93 '62. (MIRA 16:4)

(HYPERTENSION)

CHI[illegible]ISOV, [illegible]; [illegible]

[illegible]erivation of [illegible] the BESM-[illegible] [illegible]
Operatsiia iz [illegible] kerniia na ma-
shine BESM-[illegible]. M[illegible]skva, [illegible] tsentr AN [illegible],
1962. 24 p. [illegible]
[illegible]) [illegible]

ORLOVA, A.N.; PAVLOVA, L.A.; VENUS-DANILOVA, E.D.

Hydroxydihydrofurans. Part 13: Condensation of 3,3-dimethyl-1-phenyl-1-hydroxyphthalan and 5,5-dimethyl-2,4-diphenyl-2-hydroxy-2,5-dihydrofuran with malonic acid. Zhur. ob. khim. 34 no.10:3265-3270 O '64. (MIRA 17:11)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut im. Gerstena i Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

OSTROVSKIY, I.A.; ORLOVA, G.P.; RUDNITSKAYA, Ye.S.

Stoichiometry in the disolving of water in alkali-aluminum silicate melts. Dokl. AN SSSR 157 no.5:1146-1148 Ag '64. (MIRA 17:9)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR. Predstavleno akademikom N.V. Belovym.

PEREPELKIN, K.Ye.; UTEVSKIY, L.Ye.; OLOVA, A.I.; STEFANOVICH, L.P.

Studying the structure of polyvinyl alcohol fibers by the iodine sorption. Khim.volok.no.5:17-19 '64. (MIRA 17:12)

1. Leningradskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta iskusstvennogo volokna.

ORLOVA, A.I.; SOLOV'YEVA, L.A.

Effect of inexactly shaped journals of a transit instrument on the determination of its azimuth. Trudy inst. Kom. stand., mer i izm. prib. no.58:128-130 '62. (MIRA 15:11)
(Transit instruments)

NAUMOVA, I.N.; SHMYGLEVSKIY, Yu.[illegible], otv. red.; [illegible]VA, [illegible], red.

[Method of characteristics [illegible] equilibrium flow of a nonideal gas] Metod kharakteristik [illegible]a ravnovesnykh techenii ne[illegible]vernennogo gaza. [illegible]va. Vychislitel'nyi tsentr AN [illegible]SSR, 1964. [illegible]3 p. (MIRA [illegible])

KATSKOVA, [illegible].N.; CHMYGLEVSKIY, Yu.L., otv. red.; OKLOVA, I.V., red.

[Calculation of equilibrium gas flow in supersonic nozzles] Raschet ravnovesnykh techenii gaza v sverkhzvukovykh soplakh. Moskva, Vychislitel'nyi tsentr AN SSSR, 1964. 52 p. (MIRA 18:1)

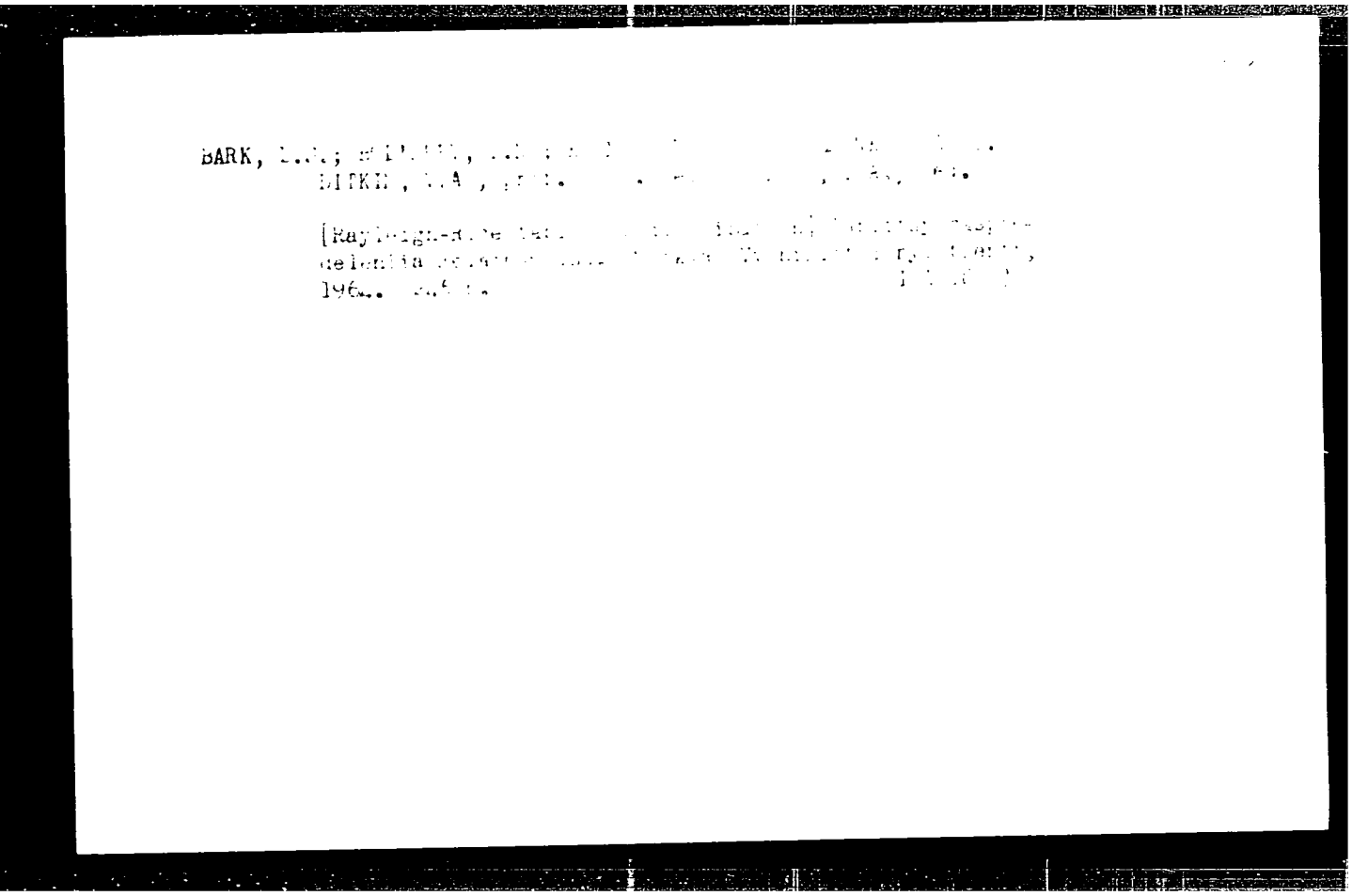
ZAKHAROV, Aleksey [illegible]

[Efficient distribution of freight shipments between railroads and automotive transportation] Optimizatsiia raspredeleniia perevozok gruzov mezhdu zh.d. i avto transportom. [illegible]

(MIRA [illegible])

ZHURINA, M.I.; [illegible] prof., otv. red.;
ORLOVA, [illegible], red.

[Tables of degenerate hypergeometric functions] Tablitsy vyrozhdennoi giperbolicheskoi funktsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1964. 243 p.
(MIRA 18:1)



BARK, [illegible]

[illegible]

196[illegible]

PERMINOV, Aleksandr Stepanovich, inzh.; OKUNEVA, I.A., inzh., red.

[Increasing the operative efficiency of locomotives] Uvelichenie proizvoditel'nosti lokomotivov; sbornik statei. Moskva, Transport, 1964. 255 p. (MIRA 18:2)

ORLOVA, [illegible]; [illegible]; [illegible], [illegible]

Distribu[illegible] [illegible] ocyanates during their extraction with a[illegible]. [illegible] zhur. 31 no.8:775-777 '65. (MIRA [illegible])

[illegible] khimii AN [illegible], [illegible]

ORLOVA, A.L., vrach

Care of the infant's skin. Zdorov'e 8 no.5:30 My '62. (MIRA 15:5)
(SKIN--CARE AND HYGIENE)

ORLOVA, A.N.

Treatment of rheumatism with hormone preparations. Terap. arkh. 27 no.7:75-84 '55. (MLRA 9:1)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.--deystvitel'nyy chlen AMN prof.A.I.Nesterov) II Moskovskogo med.inst. im.I.V.Stalina.

(RHEUMATISM, therapy,
hormones)
(HORMONES, therapeutic use,
rheum.)

ORLOVA, A. N., Cand Med Sci -- (diss) "Treatment of rheumatic patients with hormonal preparations." Mos, 1958. 21 pp (Second Mos Med Inst im N. I. Pirogov) (KL, 18-58, 103)

the usual spring planting.

Card : 1/1

VYDREVICH, Ye.Z.; ZAYTSEVA, M.A.; ORLOVA, A.N.

Diagrams for determining the density of aluminate sodium-alkali solutions. TSvet. met. 36 no.10:56-60 O '63. (MIRA 16:12)

ORLOVA, A. N.

Orlova, A. N.- "Regional study experts of the city ofKyakhta," Trudy Kyakht. krayeved. muzeya im. Obruchev a i Kyakht. otd-niva Vsesoyuz. ge gr. o-va, Vol. XVI, Issue 1, 1949, p. 43- 1

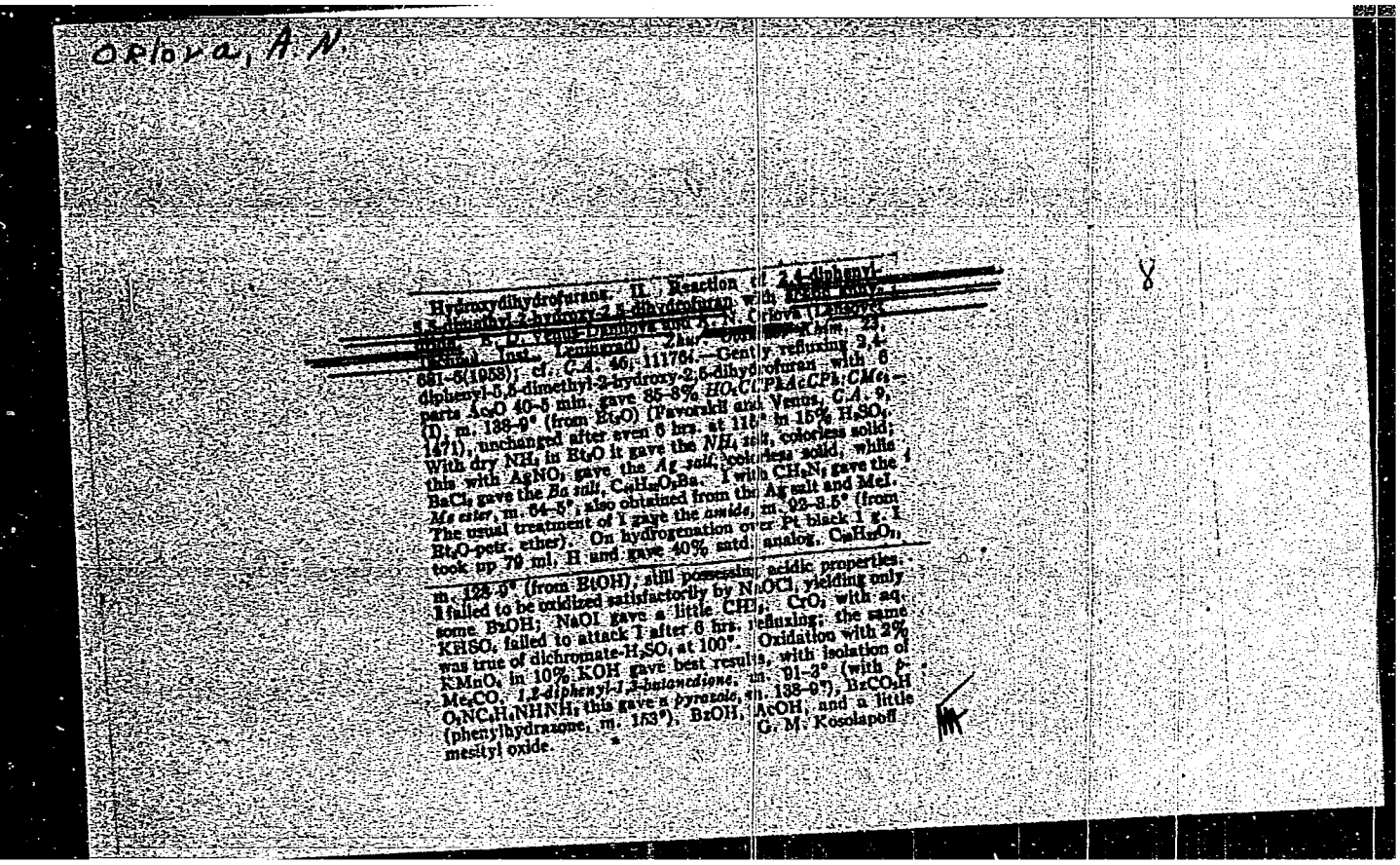
SO: U-4938, 29 Oct 53, Letopis 'Zhurnal'nykh Statey, No. 17, 1949).

CA

Organic Chemistry

Hydroxydihydrofurans. I. Oxidation and reduction of 2,4-diphenyl-5,5-dimethyl-2-hydroxy-2,5-dihydrofuran. E. D. Venus-Danilova and A. N. Orlova (Lensovet Chem. Tech. Inst., Leningrad). *Zhur. Obshchei Khim.* (J. Gen. Chem.) 22, 233-6(1952).—2,4-Diphenyl-5,5-dimethyl-2-hydroxy-2,5-dihydrofuran (I) (cf. Paworski and Venus, *C.A.* 9, 1471) (5 g.) treated with 3.3 g. $KMnO_4$ in 3% soln. 1.5 hrs. at 40° gave 1 g. unchanged material, m. 100-1°, no neutral oxidation products except Me_2CO, and a trace of HCO$_2$H, as well as appreciable amts. of EtOH and EtCO$_2$H, m. 64°. Hydrogenation of I in EtOH with Pt black at room temp. gave much tar and some 10% 2,4-diphenyl-5,5-dimethyl-2,5-dihydrofuran, m. 135-7°, and 80% 2,4-diphenyl-5,5-dimethyltetrahydrofuran (II), b$_6$ 180-90°. If the hydrogenation is stopped after the uptake of 4 H atoms, it is noted that the reaction rate is sharply reduced after addn. of 2 atoms of H and the main product is II. Hydrogenation over colloidal Pd-in-EtOH gave after the uptake of 2 H atoms the same tar as above, while uptake of 4 atoms gave II.

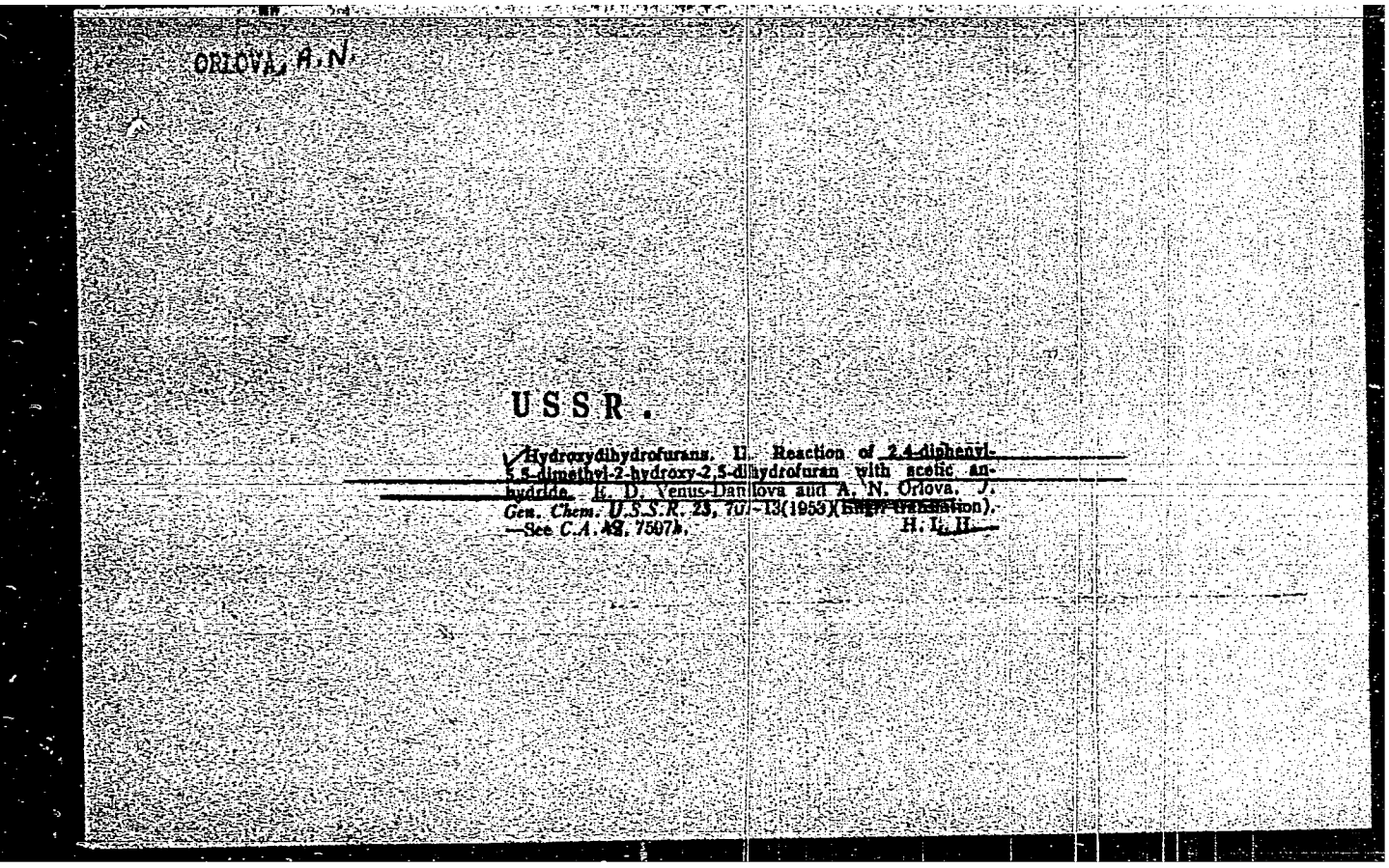
G. M. Kosolapoff



Orlova, A. N.

Hydroxydihydrofurans. II. Reaction of 2,4-diphenyl-
5,5-dimethyl-2-hydroxy-2,5-dihydrofuran with [illegible]
[illegible], K. D. Venus-Danilova and A. N. Orlova (L. Ya. Karpov
[illegible] Inst., Leningrad). Zhur. Obshch. Khim. 23,
681-5(1953); cf. C.A. 46, 11178d.—Gently refluxing 3,4-
diphenyl-5,5-dimethyl-2-hydroxy-2,5-dihydrofuran with 6
parts Ac_2O 40–5 min. gave 85–8% $HO_2CCPhAcCPh:CMe_2$ (I),
m. 138–9° (from Et_2O) (Favorskii and Venus, C.A. 9,
1471), unchanged after even 6 hrs. at 118°. In 15% H_2SO_4,
With dry NH_3 in Et_2O it gave the NH_4 salt, colorless solid;
this with $AgNO_3$ gave the *Ag salt*, colorless solid, white;
$BaCl_2$ gave the *Ba salt*, $C_{34}H_{30}O_6Ba$. I with CH_2N_2 gave the
Me ester, m. 64–5°, also obtained from the Ag salt and MeI.
The usual treatment of I gave the *amide*, m. 92–3.5° (from
Et_2O-petr. ether). On hydrogenation over Pt black 1 g. I
took up 79 ml. H and gave 40% satd. analog, $C_{17}H_{20}O_3$,
m. 128.5° (from EtOH), still possessing acidic properties.
I failed to be oxidized satisfactorily by NaOCl, yielding only
some $BzOH$; NaOI gave a little CHI_3; CrO_3 with aq.
$KHSO_4$ failed to attack I after 6 hrs. refluxing; the same
was true of dichromate-H_2SO_4 at 100°. Oxidation with 2%
$KMnO_4$ in 10% KOH gave best results, with isolation of
Me_2CO, *1,2-diphenyl-1,2-butanedione*, m. 91–3° (with β-
$O_2NC_6H_4NHNH_2$ this gave a *pyrazole*, m. 138–9°), $BzCO_2H$
(phenylhydrazone, m. 153°), BzOH, AcOH, and a little
mesityl oxide.

G. M. Kosolapoff



ORLOVA, A.N.

USSR

Hydroxydihydrofurans. II. Reaction of 2,4-diphenyl-5,5-dimethyl-2-hydroxy-2,5-dihydrofuran with acetic anhydride. E. D. Venus-Danilova and A. N. Orlova. *J. Gen. Chem. U.S.S.R.* 23, 707-13(1953)(Engl. translation). —See *C.A.* 48, 7507h. H. L. H.

ORLOVA, A.N.

7-Hydroxydihydrofurans. III. Reaction of 2,4,5-triphenyl-5-methyl-2-hydroxy-2,5-dihydrofuran with acetic anhydride. E. D. Venus-Danilova and A. N. Orlova (Leningr. Tekhnol. Inst., Leningrad). Zh [redacted] Im. 23, 1880-9(1953); cf. C.A. 48, 7597k.—Heating 2,4,5-triphenyl-5-methyl-2-hydroxy-2,5-dihydrofuran (1 g.) and 6 g. Ac_2O 45 min. to 120°, followed by pouring into 20–30 parts ice-water gave, standing after 24 hrs., about 1 g. *2,3,4-triphenyl-3-acetyl-5-pentenoic acid* (I), m. 82–3°, which could not be recrystd, owing to poor stability. I with dil. aq. $KMnO_4$ at 40° gave AcPh, BzCHPhAc (identified by the *pyrazole*, m. 130–7°, formed on treatment with *p*-$O_2NC_6H_4$-$NHNH_2$ of the steam distillate after removal of AcPh), $BzCO_2H$, BzOH, HCO_2H, and AcOH. Similar oxidation but without added NaOH gave AcPh, BzCHPhAc, m. 90–2°, and traces of HCO_2H. This instability of the acid is believed to be the result of the presence of the Ph group in the 5 position of the original substance, i.e., the 4 position in the acid.

G. M. Kosolapoff

VENUS-DANILOVA, E.D.; FABRITSY, A.; ORLOVA, A.N.

Study of oxydihydrofurans. Part 5. Basic properties of 5,5-dimethyl-2-tert-butyl-4-phenyl-2-oxydihydrofuran-2,5. Zhur.ob.khim. 26 no.4:1160-1165 Ap '56. (MLRA 9:8)

(Furan)

5.3400

[illegible]
SOV/79-[illegible]

AUTHORS: Pavlova, L. A., Orlova, A. N., Venus-Danilova, E. D.

TITLE: Concerning the Condensation of 3,3-Dimethyl-1-[illegible]-1-Hydroxyphthalan and 5,5-Dimethyl-2,4-Diphenyl-[illegible]-dihydrofuran-2,5 With Acetic Anhydride

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol 30, Nr 3, pp 735-740 (USSR)

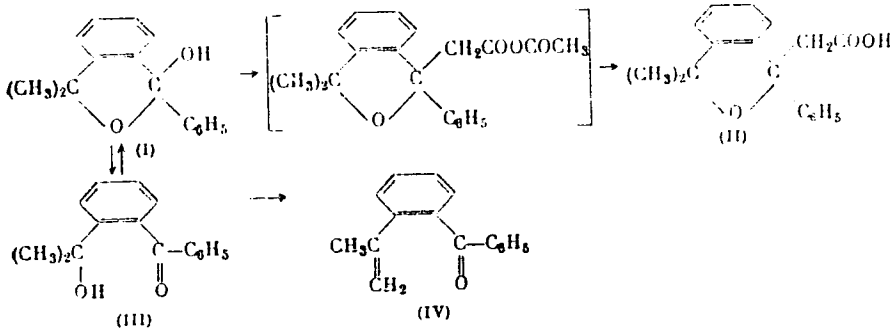
ABSTRACT: This is the continuation of investigations of the condensation of hydroxyhydrofurans and hydroxyphthalans with acetone, phenylmethylpyrazolone, and other compounds (this journal, Vol 26, p 884 (1956); ibid., Vol 28, p 651 (1958); ibid., Vol 29, p 1588 (1959). In the present study, 3,3-dimethyl-1-phenyl-1-hydroxyphthalan (I) was condensed with acetic anhydride on boiling for 4 hr in the presence of pyridine. The reaction gave (3,3-dimethyl-1-phenylphthalyl-1) acetic acid (II, yield 35%; mp 106-107° C, from ethyl ether + petroleum ether) and o-isopropenylbenzophenone (IV, yield 52.4%, mp 42-43° C, from methanol + water). The latter was [illegible]

Card 1/5

Concerning the Condensation of 3,3-Dimethyl-1-Phenyl-1-Hydroxyphthalan and 5,5-Dimethyl-2,4-Diphenyl-2-Hydroxy-dihydrofuran-2,5 With Acetic Anhydride

78251
SOV/79-30-3-5/59

of the dehydration of the open hydroxyketo-form (III) of phthalan I.

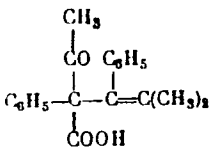


Card 2/5

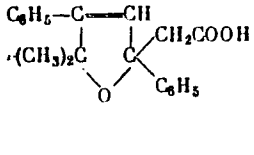
Concerning the Condensation of 3,3-Dimethyl-1-Phenyl-1-Hydroxyphthalan and 5,5-Dimethyl-2,4-Diphenyl-2-Hydroxy-dihydrofuran-2,5 With Acetic Anhydride

78251
SOV/79-30-3-5/69

The condensation of 5,5-dimethyl-2,4-diphenyl-2-oxydihydrofuran-2,5 with acetic anhydride gave (5,5-dimethyl-2,4-diphenyl-2,5-dihydrofuryl-2) acetic acid (VI, mp 137-138° C), and not acid (V) as suggested previously by the authors (this journal, Vol 23, p 681 (1953).



(V)

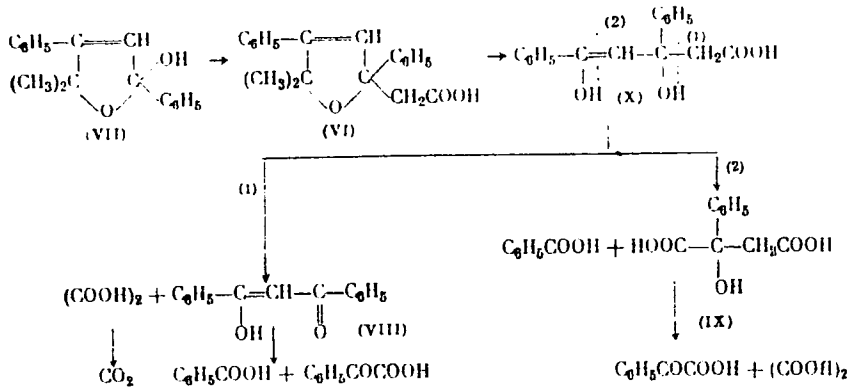


(VI)

Card 3/5

Concerning the Condensation of 3,3-Dimethyl--1-Phenyl-1-Hydroxyphthalan and 5,5-Dimethyl-2,4-Diphenyl-2-Hydroxy-dihydrofuran-2,5 With Acetic Anhydride

78251
SOV/79-30-3-5/69



Card 4/5

Concerning the Condensation of [illegible] 75/51
Phenyl-1-Hydroxyphthalan and [illegible] SOV/79-30-3-5/69
2,4-Diphenyl-2-Hydroxy-dihydrofuran-[illegible] With
Acetic Anhydride

The structure of VI was confirmed by investigating its oxidation with potassium permanganate. The primary product of the oxidation, the hydroxyketo-acid (X), could not be separated as it was oxidized rapidly in 2 directions forming: (1) dibenzoylmethane (VIII, yield 39%) and oxalic acid; and (2) α-phenylmalic acid (IX, yield 10.7%) and benzoic acid. There are 23 references, 2 U.S., 2 U.K., 2 French, 1 Dutch, 8 German, 1 Czechoslovak, 7 Soviet. The U.S. and U.K. references are: J. B. Niedrl, W. F. Hart, J. Am. Chem. Soc., 59, 719 (1937); J. E. Humphries, J. Chem. Soc., 374 (1926); E. B. Barnett, J. W. Cook, I. G. Nixon, J. Chem. Soc., 504 (1927); E. H. Huntress, H. C. Walter, J. Am. Chem. Soc., 70, 3702 (1948).

ASSOCIATION: Lensoviet Leningrad Technological Institute (Leningradskiy tekhnologicheskiy institut imeni Lensoveta)

SUBMITTED: December 30, 1958 Card 5/5

BOL'SHUKHIN, A.I. [deceased]; ORLOVA, A.N.

Interaction of p-nitrophenylacetylene with lower saturated monobasic acids. Zhur. ob. khim. 30 no.9:2986-2988 S '60. (MIRA 13:9)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut imeni Gertsena.
(Benzene) (Acids, Fatty)

DANILOV, S.N.; VENUS-DANILOVA, E.D.; ORLOVA, A.N.; YEGOROV, A.G.; KAZIMIROVA, V.F.

In memory of A.I. Bol'shukhin. Zhur. ob. khim. 30 no.9:3145-3148 S '60. (MIRA 13:9)
(Bol'shukhin, Aleksandr Ivanovich, 1906-1959)

ORLOVA, A.N.

Reaction of tert-butylacetylene with lower saturated monobasic acids. Zhur.ob.khim. 33 no.4:1164-1165 Ap '63. (MIRA 16:5)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut imeni A.I.Gertsena.
(Hexyne) (Acids, Organic)

PAVLOVA, L.A.; VENUS-DANILOVA, E.D.; YEL'TSOV, A.V.; ORLOVA, A.N.

5,5-Dimethyl-2,4-diphenyl 2,5-dihydrofuran. Zhur. ob. khim. 35 no.9:1690-1691 S '65. (MIRA 18:10)

KLYCHNIKOV, V.M., kand. sel'skokhoz. nauk; ORLOVA, A.N.

Automation of continuous lines in the analysis of soil.
Zhur.VKHO 10 no.4:428-433 '65.
(MIRA 18:11)

TUSTANOVSKIY, [illegible]; ORLOVA, A.N. (Moskva)

Results of work of the symposium on the basic trends of Soviet rheumatology (a meeting with rheumatologists from the U.S.A.). Vest. AMN SSSR 20 no.3:89-95 '65. (MIRA 18:7)

ORLOVA, A.N.

Clinical aspects and differential diagnosis of arachnoid endothelioma of the cisterna lateralis of the pons varolii. Vop. neirokhir. 18 no.2:27-31 Mr-Ap '54. (MLRA 7:5)

1. Iz Leningradskogo neyrokhirurgicheskogo instituta imeni prof. A.L. Polenova. (Postupila v redaktsiyu 23.IX.1953)
(PONS, neoplasms,
*arachnoid endothelioma of cisterna lateralis of pons varolii, differ. diag.)

ORLOVA, A. N., Cand Med Sci -- (diss) "Arachnoidendothelioma of the posterior cranial pit." Leningrad, 195 , 12 pp (State Institute for the Improvement of Physicians im S. M. Kirov. From the Leningrad Scientific Research Neurosurgery Institute im Prof A. L. Polenov), 100 copies (L, 56-57, 133)

ORLOVA, A. N.

ARENDT, A. A. and [illegible]-[illegible], T. G., both at the Institute of Neurosurgery imeni N. N. Burdenko, Academy of Medical Sciences USSR, Moscow - "Cholesteatomas of the spinal cord after tuberculosis meningitis" - paper to be presented at the General Scientific Session of 17 Oct 61

ARUTYUNOV, A. I., Director, Ukrainian Scientific Research Institute of Neurosurgery, Kiev - "Cerebral edema and the problem of raising intracranial pressure" - paper to be presented at the General Scientific Session of 16 Oct 61

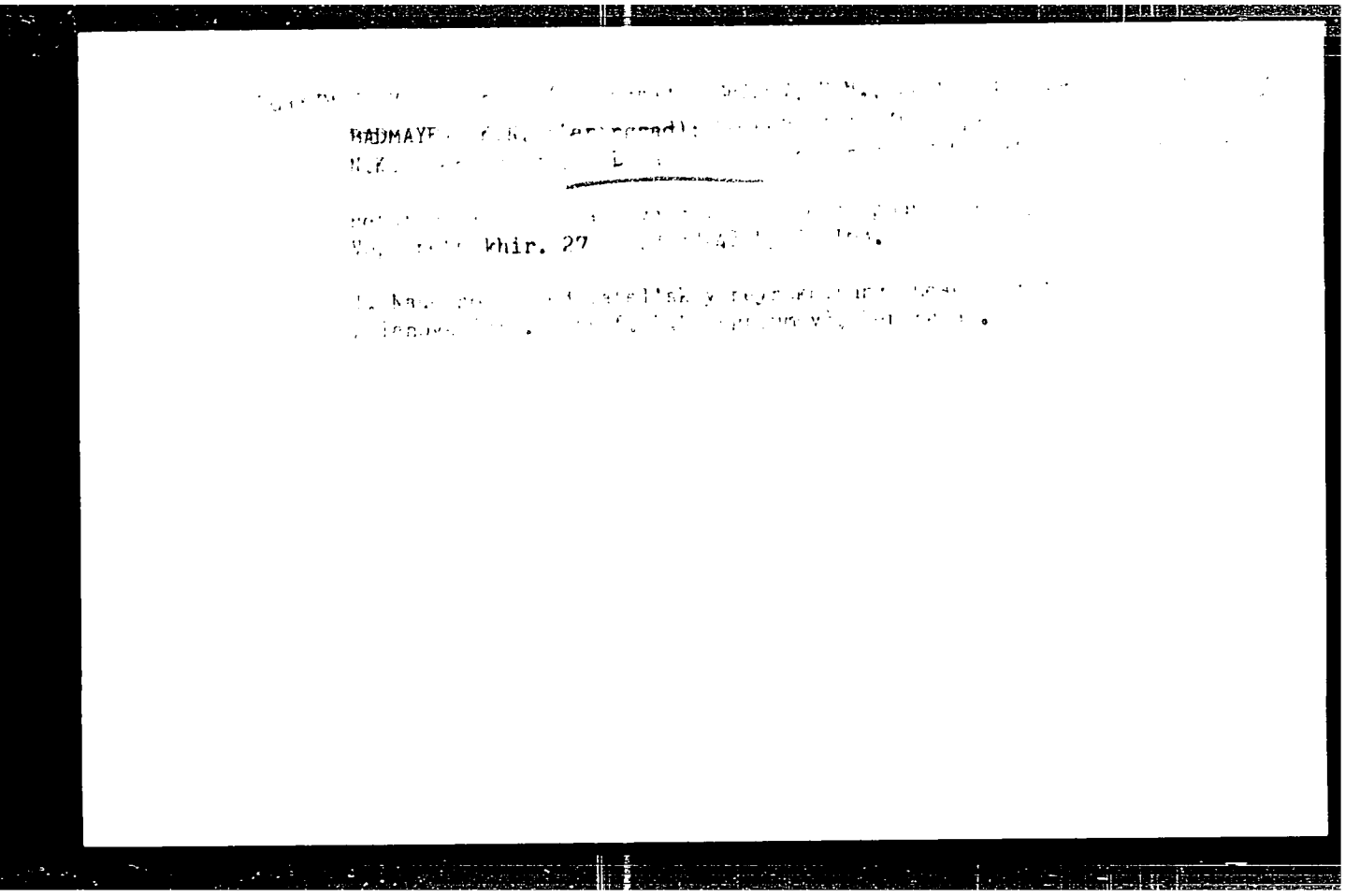
NIKOL'SKIY, V. A., Head, Clinic of Nervous Diseases and Neurosurgery, North Caucasus Medical Institute, Rostov-on-Don, and [illegible], Ye. S., Member, same Clinic - "Types of vascularization of intracranial tumors" - paper to be presented at the General Scientific Session of 19 Oct 61

[illegible], V. N., ORLOVA, A. N., BAIRAYEV, K. N., and VOLKOV, A. A., all at the Leningrad Neurosurgical Institute imeni A. L. Polenov, and [illegible], T. A., Leningrad - "Combined surgical and radiological treatment of intracerebral tumors" - paper to be presented at the General Scientific Session 16 Oct 61

YEGOROV, B. G., Member, Institute of Neurosurgery imeni N. N. Burdenko, Academy of Medical Sciences USSR, Moscow - "The methods and follow-up of surgical treatment of tumors of lateral and third ventricles of the brain" - paper to be presented at the General Scientific Session 17 Oct 61

report to be submitted for the Second Intl. Congress of Neurological Surgery, 14-20 October 1961, Wash. D. C.

(10)



O[illegible]LOVA, A. [illegible]

O[illegible]LOVA, A. [illegible] --"Application [illegible] Water-Balance [illegible] Water-Power Computation." *([illegible]) Defended at [illegible] Acad Sci [illegible], [illegible], Tashkent, [illegible]

[illegible]: [illegible], [illegible]

* For Degree of Doctor of Technical Sciences

ORLOVA, A.P.

Status and prospects in the struggle against children's diseases.
Med. sestra 18 no.3:3-7 Mar '59. (MIRA 12:3)

1. Ministerstva zdravookhraneniya SSSR, Moskva.
(PEDIATRICS)

PRAVDA, Ye.I.; ORLOVA, A.P.; RUDNEV, N.V.

Production of the grape vacuum must at the canneries in Moldavia. Kons.i ov.prom. 15 no.1:4-9 Ja '60. (MIRA 13:5)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti (for Pravda). 2. Gosudarstvennyy nauchno-tekhnicheskiy komitet pri Sovete Ministrov Moldavskoy SSR (for Orlova, Rudnev).
(Moldavia--Must)

ORLOVA, A.P., inzh.

Counterweight has been replaced with a spring. Avtom., telem. i sviaz' 8 no.5:35 My '64. (MIRA 17:10)

1. Moskovsko-Rizhskaya distantsiya Moskovskoy dorogi.

ORLOVA, A.P.; DERMOYAN, O.S.; NARODITSKAYA, S.I.

Some recommedations on the prevention of pollution in the Salar channel. Vop. gidrotekh. no.20:105-111 '64. (MIRA 18:1)

S/081/62/000/010/021/085
B138/B101

AUTHORS: Murav'yeva, I. A., Nemkova, O. G., Cherkasova, R. P., Orlova, A. S.

TITLE: Binary uranyl phosphates

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 93, abstract 10V19 (Sb. "Issled. v obl. khimii urana". M., Mosk. un-t, 1961, 240 - 247)

TEXT: $NaUO_2PO_4$ is precipitated from acid solutions of uranyl salts by using a NaH_2PO_4 solution at a concentration of > 0.005 M. $NaUO_2PO_4$ can be precipitated from solutions of uranyl salts in the presence of Ca, Sr and Ba salts, but it cannot be precipitated in the presence of Cu salts. [Abstracter's note: Complete translation.]

Card 1/1

ORLOVA, A. S.

"Institut rabstva v srednevekovom gosudarstve Kongo (XVI-XVII vv.)."

report submitted for 7th Intl Cong, Anthropological & Ethnological [illegible], Moscow, 3-10 Aug 64.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ORLOVA, A.V.; TOMSON, I.N.; [illegible] r.I.; LUKIN, L.I.; SHATALOV, Ye.T., red.

[Lithological and structural factors in the distribution of mineralization in ore regions; basic principles of metallogenetic research and the compilation of metallogenetic and forecasting maps of ore regions] Litologicheskie i strukturnye faktory razmeshcheniia orudeneniia v rudnykh raionakh; osnovnye printsipy metallogenicheskikh issledovanii i sostavleniia metallogenicheskikh i prognoznykh kart rudnykh raionov. Moskva, Nedra, 1964. 212 p. (MIRA 17:12)

ORLOVA, A.V.

3(5) PHASE I BOOK EXPLOITATION SOV/1886

Ob"yedinennaya nauchnaya sessiya po metallogenicheskim i prognoznym kartam, Alma-Ata, 1958

Materialy nauchnoy sessii po metallogenicheskim i prognoznym kartam; doklady. (Materials Presented at the Scientific Session on Metallogenetic and Postulated Ore Occurrence Maps; Reports) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 318 p. Errata slip inserted. 3,850 copies printed.

Ed.: A.S. Pogosbev; Tech. Ed.: P.F. Alferova.

Sponsoring Agencies: (1) Akademiya nauk SSSR, (2) Akademiya nauk Kazakhskoy SSR, Alma-Ata, (3) USSR. Ministerstvo geologii i okhrany nedr, (4) Kazakh SSR. Ministerstvo geologii i okhrany nedr.

PURPOSE: This book is intended for exploration geologists, mining engineers, and cartographers.

Materials Presented (Cont.) SOV/1886

COVERAGE: This collection of reports was presented at the United Scientific Session on Metallogeny and Postulated Ore Occurrence Maps convoked by the Academy of Sciences in Alma-Ata, December, 1958. The reports deal with various aspects of compiling metallogenetic and ore occurrence maps as well as the methodology and techniques of correlating geophysical exploration data. These reports deal only with non-ferrous metals. Three other reports delivered at the conference but not included in this work were read by Ye.Ye. Zakharov, N.S. Shatskiy, and Yu.K. Goretskiy. References accompany each article.

TABLE OF CONTENTS:

Card 2/6

Card 3/6

ORLOVA, A.V.; SHATALOV, Ye.T.

Methodological principles of compiling metallogenic and prognostic maps of ore regions. Zakonom. razm. polezn. iskop. 2:461-494 '59. (MIRA 15:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Ore deposits--Maps)

ORLOVA, Anastasiya Viktorovna; SHATALOV, Yevgeniy Trofimovich; NOSOV, G.I., red. izd-va; SHEVCHENKO, G.N., tekhn. red. DOROKHINA, I.N., tekhn. red.

[Principles of compilation and convential signs of metallogenic and prognostic maps of ore regions] Osnovnye printsipy sostavleniia i uslovnye oboznacheniia metallogenicheskikh i prognoznykh kart rudnykh raionov. Moskva, Izd-vo Akad. nauk SSSR, 1963. 46 p. ___ Supplements. 77 p. 4 maps. (MIRA 16:5)

(Ore deposits—Maps)

ORLOVA, Anastasiya Viktorovna; SHATALOV, Yevgeniy Trofimovich; NOSOV, G.I., red. izd-va; SHCEVCHENKO, G.N., tekhn. red.; DOROKHINA, I.N., tekhn. red.

[Metallogenic and prognostic maps of ore-bearing regions] Metallogenicheskie i prognoznye karty rudnykh raionov. Moskva, Izd-vo AN SSSR, 1963. 77 tables. ___ [Basic principles for the compilation and conventional symbols of metallogenic and prognostic maps of ore-bearing regions] Osnovnye printsipy sostavleniia i uslovnye oboznacheniia metallogenicheskikh i prognoznykh kart rudnykh raionov. 46 p. (MIRA 16:8)
(Ore deposits--Maps)

ORLOVA, A.V.

Characteristics of the composition of the ore-bearing rocks of some lead deposits in central Kazakhstan. Lit. i pol. iskop. no.6:27-42 N-D '64. (MIRA 18:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

SHATALOV, Ye.T.; ORLOVA, A.V.; YABLOKOV, K.V.; DYUKOV, A.I.; TOMSON, I.N.

[Basic principles of the plotting, content, and conditional designations of the metallogenic and forecasting maps of ore regions] Osnovnye printsipy sostavleniia, soderzhanie i uslovnye oboznacheniia metallogenicheskikh i prognoznykh kart rudnykh raionov; osnovnye printsipy metallogenicheskikh issledovanii i sostavleniia metallogenicheskikh i prognoznykh kart rudnykh raionov. [By] E.T.Shatalov i dr. Moskva, Nedra, 1964. 193 p. ___ [Supplement] Prilozhenie.
(MIRA 18:5)

RITOVA, V.V.; ORLOVA, A.V.; MARKINA, A.P.; STEPANSKAYA, A.F.

Viral influenza C in children. Vop.virus. 1 no.1:35-38 Ja-F '56.
(MLRA 10:1)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA, in infant and child,
C (Rus))

SUKHAREVA, M.Ye.; RITOVA, V.V.; SHAPIRO, S.L.; ORLOVA, A.V.; DIRECHINSKAYA, Sh. L.; SHISHLYANNIKOVA, M.A.

Features of the course of influenza in children during the pandemic of 1957. Vop.okh.mat.i det. 3 no.2:46-52 Mr-Ap '58. (MIRA 11:3)

1. Iz infektsionnogo otdela kafedry pediatrii Instituta virusologii AMN SSSR, Instituta pediatrii AMN SSSR i Detskoy klinicheskoy bol'nitsy imeni I.V.Rusakova.
(INFLUENZA) (CHILDREN--DISEASES)

ZHDANOV, V.M.; RITOVA, V.V.; ORLOVA, A.V.; SOKOLOVA, N.N.; GOLYGINA, L.A.

Characteristics of strains of influenza viruses isolated during 1957. Cop. virus 4 no.1:19-23 Ja-F '59. (MIRA 12:4)

1. Institut virusologii AMN SSSR, Moskva.
(INFLUENZA VIRUSES,
Russian strains isolated in 1957 (Rus))

ACC NR: AP6021584 (N) SOURCE CODE: UR/0402/66/000/003/0371/0372

AUTHOR: Orlova, N. N.; Sokolova, N. N.; Orlova, A. V.; Berlyant, M. L.; Tesminitskiy, G. L.; Jen, Kuei-fang

ORG: none

TITLE: Characteristics of influen a virus strains isolated at epidemiological Foci in 1965

SOURCE: Voprosy virusologii, no. 3, 1966, 371-372

TOPIC TAGS: epidemiology, virology, virus, influenza virus

ABSTRACT:
Of three virus strains isolated from patients in two influenza outbreaks, one resembled standard strain PR8 and the other two were identified as new type A strains. Their biological and antigenic properties are being studied. [W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1

ORLOVA, A.V.; BERESTNEV, V.A.; KARGIN, V.A.

Disintegration of fibers due to mechanical action. Vysokom.soed. 1 no.5:740-742 My '59. (MIRA 12:10)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Textile fibers, Synthetic)

25(6), 15(8) SOV/32-25-3-37/62

AUTHORS: Orlova, A. V., Berestnev, V. A.

TITLE: Determination of the Change of the Irregularity of the Caprone Fibre in the Course of Its Production Process (Opredeleniye izmeneniya neravnomernosti kapronovogo volokna v protsesse yego polucheniya)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, p 339-340 (USSR)

ABSTRACT: A method has been worked out by which the differences in diameter and orientation of caprone fibres can be directly determined. It is based on the measurement of the anisotropy of the fibre by means of a polarization microscope because the refraction coefficient along the cross section and in the cross section differs from the orientation direction of the molecular chains. The anisotropy was determined according to the following equation:

$(n_j - n_\alpha) = \frac{\Delta}{d}$ (n_j = refractive index along the fibre

n_α = refraction index transversal to the fibre axis

Δ = difference between the [illegible]

Card 1/2

Determination of the Change of the Irregularity of the Caprone Fibre in the Course of Its Production Process

SOV/32-25-3-31/62

normal and the passage of a polarized light ray

d = diameter of the fibre).

The values d and Δ are experimentally determined by the polarization microscope. This method of double refraction of radiation can be used in various stages of the production of caprone fibre, e.g. in spinning, threading, stretching, and finishing. Developed investigations (Table) showed that no considerable change of the fibre diameter can be observed in the transition from finishing to finished rayon whereas the double refraction of radiation is doubled. These differences can be determined by the anisotropy-determination-method but cannot be determined by the "fibre-number". There are 1 table and 4 Soviet references.

ASSOCIATION: Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of Tyre Industry)

Card 2/2

ORLOVA, A.V.; NAGDASEVA, I.P.

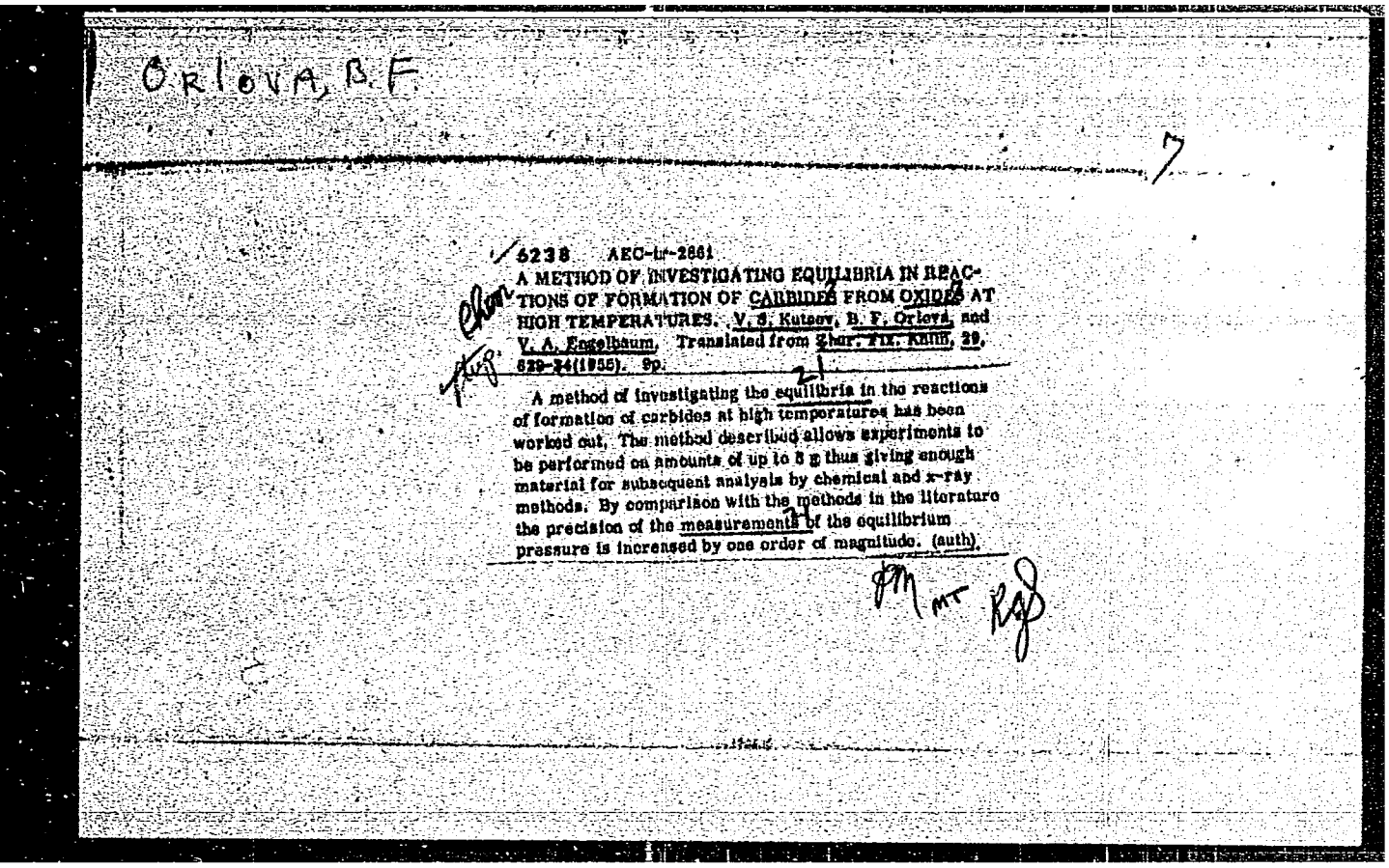
Changes occurring in the microscopic structure of polyethyleneterephthalate fibers during heating. Vysokom.soed. 3 no.7:953-955 Jl '61. (MIRA 14:6)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Textile fibers, Synthetic) (Terephthalic acid)

BERESTNEV, V.A., NAGDASEVA, I.P., LYTKINA, M.B., SULEYMANOVA, Z.I. ORLOVA, A.V., DUBOVA, L.S.

Study of the relationship between mechanical properties and structure of cord fibers.

Report presented at the 13th Conference on high-molecular compounds. Moscow, 8-11 Oct 62



ORLOVA, B.F.

7

6238 AEC-tr-2861
A METHOD OF INVESTIGATING EQUILIBRIA IN REACTIONS OF FORMATION OF CARBIDES FROM OXIDES AT HIGH TEMPERATURES. V. S. Kutsev, B. F. Orlova, and V. A. Fogelbaum. Translated from Zhur. Fiz. Khim, 29, 829-34(1955). 9p.

A method of investigating the equilibria in the reactions of formation of carbides at high temperatures has been worked out. The method described allows experiments to be performed on amounts of up to 5 g thus giving enough material for subsequent analysis by chemical and x-ray methods. By comparison with the methods in the literature the precision of the measurements of the equilibrium pressure is increased by one order of magnitude. (auth).

ORLOVA, B. I.

Dissertation: "Innervation of the Femoral Artery in a Human." Cand Med Sci, Minsk State Medical Inst, 17 Jun 54. (Sovetskaya Belorussiya, Minsk, 6 Jun 54)

SO: Sum 318, 23 Dec. 1954

USSR/Human and Animal Morphology. Nervous System. S

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69608.

Author : Orlova, B.L.
Inst : Academy of Sciences Byelorussian SSR.
Title : The Problem of the Afferent Innervation of the Vells of the Thigh.

Orig Pub: In the collection: Vopr. moriol. perif. nerv. sistemy, No 3, Minsk, AN BSSR, 1956, 145-159.

Abstract: Studies were made of the paths of afferent innervation of the external iliac, femoral, and popliteal arteries and the greater saphenous vein of the thigh in 28 cats, in which the dorsal, lumbar, and sacral spinal ganglia had been removed either unilaterally or bilaterally. Histologic studies were made of the separate nervous lumbar plexuses

Card : 1/2

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(FEMORAL ARTERY--INNERVATION)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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