

S/034/60/000/209/009/009  
E032/E114

Conference on Problems in the Mathematical Theory of Motion of Artificial Celestial Bodies

R. A. Lyakh and N. B. Yelenevskaya spoke on the new methods of expansion of the perturbation function, and M. S. Yarov-Yarovoy read a paper entitled "Improving the convergence of series representing the motion of AES".

A request was addressed to the Ministry of Higher and Specialised Education and the AS USSR to organise an All Union conference on the dynamics and scientific uses of AES, to take place in 1961. The conference also requested the Astrosovet of the AS USSR to set up a special commission for the coordination and planning of work in celestial mechanics. ✓

ASSOCIATION: Moskva, GAISH  
(State Astronomical Institute imeni P.K. Shternberg, Moscow)

SUBMITTED: January, 1960

Card 5/5

30562  
S/623/61/000/112/001/002  
E032/E114

3.2300 (1080)

AUTHOR: Orlov, A.A.

TITLE: Effect of the spheroidality of a planet on the motion of its satellite

SOURCE: Moscow. Universitet. Gosudarstvennyy astronomicheskiy institut. Soobshcheniya. no. 112, 1961, 3-32

TEXT: The present paper is a continuation of previous work by the present author (Ref.1: O pochtii periodicheskikh dvizheniyakh material'noy tochki v pole tyagoteniya sferoida. "On Almost Periodic Motions of a Mass Point in the Gravitational Field of a Spheroid". Trudy GAISh, 1954, Vol.24, pp.139-153). In the latter paper the author derived formulas for the coordinates of a mass point in the gravitational field of a spheroid. The analysis given in Ref.1 was confined to the case in which first-order terms in the relative compression of the spheroid were taken into account. The present paper reports formulas which incorporate second-order terms also. Expansions in powers of the inclination and the eccentricity are not used, and these quantities are taken into account rigorously. The final formulas may be used in the

Card 1/3

Effect of the spheroidality of a ... 30562  
S/623/61/000/112/001/002  
E032/E114

study of the motion of artificial earth satellites (orbits with arbitrary eccentricities and inclinations, arbitrary initial conditions of free flight of the satellite in cosmic space). The differential equations of perturbed motion are integrated using the method described by the present author in Ref. 2 (Ob integrirvaniy differentsial'nykh uravneniy vozmushchennogo dvizheniya v pryamougol'nykh koordinatakh po sposoby malogo parametra. "On the integration of the differential equations of perturbed motion in rectangular coordinates using the small-parameter method". Soobshcheniya GAISH, 1953, No. 88-89, 39-53). As in G.W. Hill's method, the true anomaly of the mass point is taken as the independent variable although it is claimed that the present method has certain advantages over that of Hill. Thus, Hill's method leads to final expressions which include six arbitrary constants (integration constants) and the constant of the integral (or quasi-integral) of energy. The latter constant is not independent and may be expressed in terms of the other constants. The present author does not use the energy quasi-integral and hence the final expressions for the coordinates do not explicitly involve this constant. The formulas can easily

4

Card 2/3

16 2400

S/188/62/000/003/010/012  
B104/B112

AUTHOR: Orlov, A. A.

TITLE: Transformation of series representing the coordinates of a material point in disturbed motion

PERIODICAL: Moscow. Universitet. Vestnik. Seriya III. Fizika, astronomiya, no. 3, 1962, 82-89

TEXT: The integration of differential equations by means of a small parameter leads to an infinite sequence of linear systems of differential equations having to be solved. Such solutions correspond to the coefficients of the series representing the functions wanted. Those coefficients cannot be determined unambiguously since the integration involves constants. A system of differential equations of the n-th order  $dx_i/dt = X_i(x_1, x_2, \dots, x_n, t, \alpha)$  ( $i = 1, 2, \dots, n$ ) is studied, wherein the  $x_i$  are the functions wanted,  $t$  is the time and  $\alpha$  a small parameter. The relations between the solutions corresponding to variously chosen constants of integration are established for the case in which, with  
Card 1/2

1/B

ORLOV, A. A.

"Luni-solar perturbations of the motion of an artificial satellite."

report submitted for 15th Intl Astronautical Cong, Warsaw, 7-12 Sep 64.

State Astronomical Inst im P. K. Shternberg, Moscow State Univ

PINEGIN, S. V.; ORLOV, A. A.; GUDCHENKO, V. (Moscow)

"Failures of a material under pulsating contact loads."

report submitted for 2nd Conf, Dimensioning and Strength Calculations, Budapest,  
5-10 Oct 1965.

ORLOV, A.A., kand. tekhn. nauk

Deformation of the cross section of thin-walled steel cylinders  
during longitudinal hard facing. Trudy LITV no.80:37-46 '65.  
(MIRA 18:10)

ORLOV, A.A.

Secular and long-period disturbances in the motion of the satellite  
of a nonspherical planet. *Biul. Inst. teor. astron.* 10 no.1:  
6-26 '65. (MIRA 18:12)

1. Submitted February 29, 1964.



ACC NR: AR6019255

SOURCE CODE: UR/0124/66/000/002/AG03/AG03

AUTHOR: Orlov, A. A.

TITLE: Lunar-solar perturbations in the motion of artificial satellites

SOURCE: Ref. zh. Mekhan, Abs. 2A28

REF SOURCE: [15 Internats. kongress po astronavike, Varshava, sent., 1964]--Ne opubl.

TOPIC TAGS: satellite motion, partial differential equation

TRANSLATION: An approximation theory for space motions in the three-body problem of the satellite type is proposed. This theory is valid when the following assumptions are made: a) the distance between the planet  $P_0$  and the satellite  $P_1$  is significantly less than the distance from each to the sun  $P_2$ ; b) the bodies  $P_0, P_1, P_2$  are material points; c) the sun  $P_2$  completes a circular motion near the center of mass of the system ( $P_0, P_1$ ); d) planetary attraction is the main force determining the motion of the satellite, and the attraction of the sun is regarded as a perturbation force; e) the relation  $m = n_2/n_1$  of the average motion of the sun  $n_2$  to the average motion of the satellite  $n_1$  around the planet is a small quantity. In this work the initial system of differential equations is reduced by Zeipel's method (Zeipel, N., *Ark. Mat., Astr. och Fys.*, 1916, 2, No. 1, 1-58) to a simpler system which was solved in quadratures. In the solution, the parallax terms were omitted in the expansion of the perturbation

Card 1/2

ACC NR: AR6019255

function. The terminal formulas are expressed in elliptical functions. The accuracy of these formulas is as follows: the secular perturbations are defined taking into account a term of third order with respect to  $m$ , and the periodic terms by considering first-order quantities relative to  $m$ . N. N. Golub'.

SUB CODE: 12<sup>22</sup>,

Card 2/2

ACC NR: AR6020752

SOURCE CODE: UR/0269/66/000/003/0009/0009

AUTHOR: Orlov, A. A.

TITLE: Approximate analytical representation of space motions in a Hill problem

SOURCE: Ref. zh. Astronomiya, Abs. 3.51.89

REF SOURCE: Byul. In-ta teor. astron. AN SSSR, v. 10, no. 5, 1965, 360-378

TOPIC TAGS: orbit calculation, differential equation, orbit inclination, circular orbit, satellite motion

ABSTRACT: Solutions were obtained for the differential equations that are basic in the Hill theory of the Moon, for the case where the orbital inclination of the satellite to the plane of motion of the perturbing body is arbitrary (except  $i = 0^\circ$  and  $i = 120^\circ$ ). Approximate formulas were derived for representing the space motion of the satellite without expanding eccentricity and inclination by powers. The Delaunay-Zeipel method was used. The perturbing body described the circular orbit around the mass center of the planet-satellite system. The parallactic members were omitted during expansion of the perturbation function. The ratio  $m = n_2/n_1$  of the mean motion of the perturbing body  $n_2$  to the constant part of the mean motion of the satellite  $n_1$  was taken as the series expansion parameter. The periodic members were obtained with an accuracy of the order of  $m$  values and the secular members were calculated with an

Card 1/2

UDC: 521.1

ACC NR: AR6020752

accuracy of the order of  $m^3$  values. Bibliography of 6 titles. N. Yakontova. Trans-  
lation of abstract

SUB CODE: 22

Card 2/2

ORLOV, A.I.

Development of the erosion processes in Novosibirsk Province. Trudy  
Biol. inst. Sib. o'd. AN SSSR no.12.140-146 '64. (MIRA 18:7)

ORLOV, A. F., Senior Scientific Worker of "GINTAVENT"

Cand. Tech. Sci.

Dissertation: "Industrial Paths for Electrical Refining of Tin." Moscow Inst. of Non-ferrous Metals and Gold (Inst. I. Mal'ina), Feb. 40.

SC: Vechnaya Maskey, Feb, 1947 (Project #1 77)

SOKOLOV, B.M.; ORLOV, A.F.; PONOMAREVA, A.S.

Decreasing in the washing away of fibers and the purification of waste water. Bum. prom. 33 no.9:15-17 S '58. (MIRA 11:10)

1. Pervyy Kaliningradskiy tsellyulozho-bumazhnyy kombinat.  
(Sewage--Purification) (Woodpulp industry--Equipment and supplies)

ORLOV, A.F.

Rumination reflex in stimulation of the udder. *Fiziol.shur.* 40  
no.1:39-44 Ja-F '54. (MLRA 7:2)

1. Kafedra fiziologii zhivotnykh Moskovskogo pushno-mekhovogo  
instituta. (Conditioned response) (Rumination)



I. 09018-67 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(l) IJP(c)  
ACC NR: AP6027797 JD/HW SOURCE CODE: UR/0126/66/022/001/0137/0138

AUTHOR: Orlov, A. F.; Fedotov, S. G.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)

TITLE: Temperature dependence of the moduli of elasticity and shear of Ni-Cu alloys

SOURCE: Fizika metallov i metallovedeniye, v. 22, no. 1, 1966, 137-138

TOPIC TAGS: nickel base alloy, copper, Young modulus, shear modulus, temperature dependence

ABSTRACT: Despite the large number of studies devoted to the physical properties of Ni-Cu alloys, the pattern of variation in the moduli of elasticity and shear of these alloys as a function of temperature and concentration has so far been inadequately investigated. To fill this gap, the authors investigated the temperature course of these moduli for pure Ni as well as for six Ni-Cu alloys containing 0.3, 7.1, 11.7, 35.8, 64.6, and 78.0% Cu. The measurements were performed by means of an "Elastomat" device through the excitation of transverse, longitudinal and torsional vibrations in annealed cylindrical specimens at from 0 to 800°C. Findings: The moduli of elasticity E and shear G monotonically decrease with increas-

Card 1/3

UDC: 539.292:539.3:536

L 09018-67

ACC NR: AP6027797

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ing temperature, except that for pure Ni and alloys with a low Cu content these moduli dip steeply at <400°C (Fig. 1) owing to the fact that ferromagnetism persists at temperatures

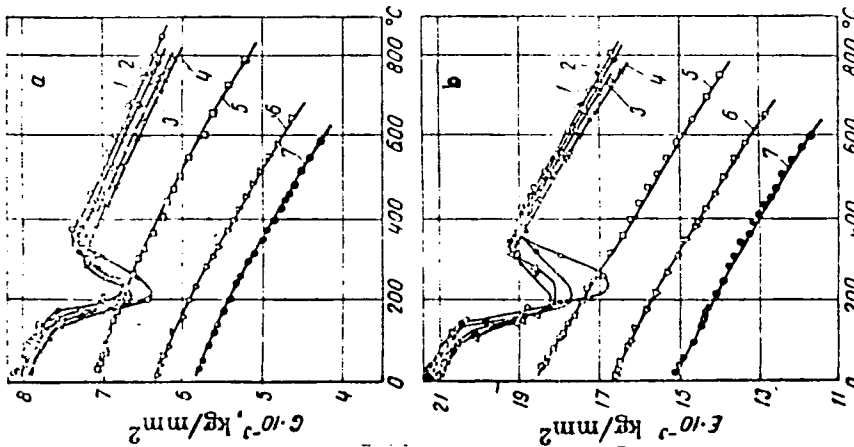


Fig. 1. Temperature dependence of modulus of shear (a) and modulus of elasticity (b) of Ni-Cu alloys:  
 1 - pure Ni; 2 - Ni + 0.3% Cu; 3 - Ni + 7% Cu;  
 4 - Ni + 12% Cu; 5 - Ni + 36% Cu; 6 - Ni + 65% Cu; 7 - Ni + 78% Cu

Card 2/3

L 09018-67  
ACC NR: AP6027797

below 400°C in Ni-Cu system alloys containing up to ~30% Cu. For alloys with a high Cu content the change in moduli with temperature is more pronounced. The concentration dependence of the moduli E and G at a constant temperature can be approximated by straight-line curves which indicates that the dependence of E and G on alloy composition (for alloys of the Ni-Cu system) is linear regardless of the concentration. Orig. art. has: 2 figures, 2 formulas.

SUB CODE: 11,20/ SUBM DATE: 02Nov65/ ORIG REF: 002/ OTH REF: 003

Card 3/3 nst

AZIMOV, G.I.; LAPINER, M.N.; PCHELINA, V.A.; ORLOV, A.F.; BELUGINA, O.P.;  
DUDETSKAYA, O.A.

Problem of milk secretion. Biul. eksp. biol. i med. 40 no.12:10-14  
D '55. (MLRA 9:3)

1. Iz kafedry fiziologii zhivotnykh (zav.-zasluzhennyy deyatel'  
nauki prof. G.I. Azimov) Moskovskogo pushno-mekhovogo instituta  
(dir.-prof. V.S. Yerшов)

(LACTATION, physiology,

radioactivity of milk from both udders, of blood & of urine  
after admin. of radiophosphorus labeled milk into one  
udder in goat.)

(PHOSPHORUS, radioactive,

labeled milk, radioactivity of milk from both udder, of  
blood & urine after admin.)

(URINE,

radiophosphorus, after admin. of labeled milk into udder  
in goat)

(BLOOD,

radiophosphorus, after admin. of labeled milk into udder in  
goat)

AZIMOV, G.I.; ORLOV, A.F.; BELUGINA, O.P.

Reabsorption in the mammary gland. Zhur. ob.biol. 23  
no.3:237-238 My-Je '62. (MIRA 15:6)

1. All-Union Correspondence Institute of Agriculture.  
(MAMMARY GLANDS) (ABSORPTION (PHYSIOLOGY))

1. ORLOV, A. G.
2. USSR (600)
4. Education - Moscow
7. Public education in Moscow. *Gor. khoz. Mosk.* 23 no. 9: 1949.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ORLOV, A.G.

Training teachers to carry out the technical education program in the school. Politekh. obuch. no.10:60-68 0 '57. (MLBA 10:9)

1. Nachal'nik Glavnogo upravleniya vysshikh i srednikj pedagogicheskikh uchebnykh zavedeniy Ministerstva prosveshcheniya RSFSR.  
(Teachers, Training of) (Technical education)

SOV/3-58-12-3/43

AUTHOR: Orlov, A.G., Head of the Main Administration

TITLE: The Level of Requirements of the New School System (Na uroven' trebovaniy novoy shkoly)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 12, pp 21-25 (USSR)

ABSTRACT: The theses of the TsK KPSS and the USSR Council of Ministers provide that the higher school be brought close to reality and production. There will be two types of schools: 1) an 8-year polytechnical school, obligatory for all pupils between 7 and 15 years of age; 2) a secondary school to prepare students for a definite profession. The new school will also require teachers to instruct pupils mainly in subjects leading to a definite profession. Such teachers should be trained by technical and agricultural vuzes, while instructors on subjects of general education should be trained by pedagogical institutes and universities. The basic task of pedagogical vuzes, however, will be the training of qualified, highly educated teachers for public school - the 8-year school. From this point of view the curricula of pedagogical institutes are at present being revised. The article contains some of the amendments to the curricula as planned by the author.

Card 1/2



SOV/3-58-12-3/43

The Level of Requirements of the New School System

He states that the training of teachers for elementary school will be something new to the pedagogical institutes. Special faculties, and in some cases even specialized institutes, will be established for this purpose. The author further deals with the question of selecting students for the pedagogical institutes. Referring to the practical pedagogical training, he states that under the present system, students do not acquire the necessary skill. To eliminate the deficiencies, it is intended to double the time for pedagogical practice. On the question of ensuring a rise in ~~qualifications~~ for those who are already working in the field of economy, culture and education, the author supports the suggestion of combining pedagogical vuzes with the institutes of advanced training of teachers. In conclusion, he makes some remarks on research work being conducted in pedagogical institutes, mainly by the chairs of pedagogics.

ASSOCIATION: Glavnoye upravleniye vysshikh i srednikh uchebnykh zavedeniy Ministerstva prosveshcheniya RSFSR (Main Administration of Higher and Secondary Educational Institutions of the RSFSR Ministry of Education)

Card 2/2

ORLOV, A.G.

Experimental observations on substances absorbed from alginic acid.  
Khirurgiia, no.9:77-80 S '55. (MLRA 9:2)

1. Iz kafedy obshcheykhimii (sav. prof. A.I. Vedrinskiy) i obshchey  
khirurgii (sav. prof. G.A. Orlov) Arkhangel'skogo meditsinskogo  
instituta.

(ALGINATES

absorbable, exper. observations)

USSR / Human and Animal Morphology. Nervous System. S-2  
Peripheral Nervous System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64812.

Author : Orlov, A. G.  
Inst : Archangel Medical Institute.  
Title : Structure of the Sciatic Nerve at the Point of  
its Anatomical Division.

Orig Pub: Sb. tr. Arkhang. med. in-t, 1956, vyp. 13, 114-116.

Abstract: A study was made of the sciatic nerve of mammals at the point of its division into the fibular and the tibial nerves. The transition of small groups of fibers from one fascicle to another was discovered, as well as the break-up of large fiber fascicles into smaller ones. In several examples a recurrent passage of fibers was seen when individual fibers made a sharp turn and continued

Card 1/2

54

Росс. А.С.С. 1978.

problems of water supply and wastewater disposal per  
complex utilization and control of water resources in the  
Soviet Union. In: *Water Resources, 1978*, p. 1-4.

ORLOV, A.G., *in zh.*

Problems of water supply and sewage disposal in the general  
scheme of the combined utilization and protection of the water  
resources of the Soviet Union. Vod. i san. tekhn. no. 6:17-19  
Ja '64 (MIRA 18:1)

ORLOV, A.G.

Veins of the right lung. Khirurgiia 35 no.8:83-86 Ag '59.

(MIRA 13:12)

(PULMONARY VEINS)

ORLOV, A.G. (Leningrad, ul. L.Tolstogo, d.7, kv.88)

Vascular and bronchial topography of the right lung. Grud.  
khir. 4 no.6:55-59 N-D'62. (MIRA 16:10)

1. Iz kafedry operativnoy khirurgii i topograficheskoy ana-  
tomii (zav. - prof. M.A.Sreseli) I Leningradskogo meditsin-  
skogo instituta imeni akademika I.P.Pavlova.  
(LUNGS—BLOOD SUPPLY) (BRONCHI)

ORLOV, A.G.

Bronchi and the bronchopulmonary segments of the right lung.  
Khirurgiia no.9:84-90 '62. (MIRA 15:10)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii  
(zav. M.A.Sreseli) I Leningradskogo meditsinskogo instituta imeni  
I.P.Pavlova.

(LUNGS) (BRONCHI)



ORLOV, Anatoliy Georgiyevich; MELEKH, Bekir Talibovich; TYUMENEVA,  
S.T., inzh., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A.,  
tekh. red.

[Spectrochemical analysis of chlorine, bromine, and iodine in  
elementary tellurium] Spektrokhimicheskoe opredelenie khloro,  
broma i ioda v elementarnom tellure. Leningrad, 1962. 10 p.  
(Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen  
peredovym opytom. Seriya: Kontrol' kachestva produktov, no.1)  
(MIRA 15:3)

(Halogens) (Tellurium) (Spectrochemistry)

44171

S/181/62/004/012/019/052  
B104/B102

AUTHORS: Golikova, O. A., Moyzhes, B. Ya., and Orlov, A. G.

TITLE: The mobility of holes in germanium as a function of their concentration and temperature

PERIODICAL: Fizika tverdogo tela, v. 4, no. 12, 1962, 3482-3491

TEXT: A previous work (O. A. Galikova et al., <sup>①</sup>FTT, 3, 10, 1961) in which the carrier mobility of gallium-doped p-type germanium was determined between 77 and 450°K is here continued. Ge specimens having gallium concentrations of up to  $7 \cdot 10^{20} \text{ cm}^{-3}$  were used for determining the electrical conductivity and the Hall effect between 450 and 1000°K, at which temperatures a noticeable electron concentration already arises. In calculating the carrier mobility, the collisions between carriers for a nondegenerate electron gas and the scattering from both acoustic and optical vibrations were taken into account. This permitted of comparing theory with experiment at higher temperatures also. The measurements were made in an argon atmosphere using platinum probes and Pt-PtRh thermocouples. It was possible to determine the temperature dependence of the Hall effect at

Card 1/2 <sup>①</sup> S/181/61/003/010/022/036

The mobility of holes in germanium ...

S/181/62/004/012/019/052  
B104/B102

magnetic field strengths up to 10 koe. Results: At temperatures below 300°K, the experimental and theoretical results agree fairly well if the scattering from optical and acoustic vibrations, from ionized and neutral impurities and the scattering of holes from holes is taken into account. At higher temperatures the theory differs considerably from experiment, which is explained by the fact that the mobility in scattering from lattice vibrations decreases more rapidly than is predicted by theory:

$\mu_{\text{lattice}} \sim T^{-3}$  instead of  $T^{-2.3}$ . This strong decrease cannot be explained by the fact that the carrier energy approaches the spin-orbital splitting in germanium ( $\Delta = 0.29$  ev). Spectral analyses showed that with  $n < 5 \cdot 10^{19} \text{ cm}^{-3}$  at nitrogen temperature the Hall concentration equals that of the gallium atoms; in the case of stronger alloying, the concentration determined from Hall coefficient is too high. There are 9 figures and 2 tables.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors AS USSR, Leningrad)

SUBMITTED: July 6, 1962  
Card 2/2

L 117109-63

EWT(1)/EWS(k)/EWP(q)/EWT(m)/BDS/EEG(b)-2 AFFTC/ASD/ESD-3/

TOP(C) Pz-4 JD/AT

ACCESSION NR: AP3003887

8/0181/63/005/007/1908/1912

AUTHORS: Golikova, O. A.; Orlov, A. G.75  
70TITLE: Mobility of holes in Ge alloyed with Al and In ✓

SOURCE: Fizika tverdogo tela, v. 5, no. 7, 1963, 1908-1912 ✓

TOPIC TAGS: mobility, hole, Ge, Al, In, alloy, spectral analysis, Hall coefficient, magnetic field, Hall emf, impurity atom, local distortion

ABSTRACT: This is a continuation of previous work on Ge alloyed with Ga by O. A. Golikova, B. Ya. Moyzhes, and A. G. Orlov (FTT, 4, 3482, 1962). In the present study the Hall coefficient was measured in a magnetic field of 20 000 oersteds, permitting the authors to obtain measured values of Hall emf at the highest concentrations (greater than  $10^{20}$   $\text{cm}^{-3}$ ) on the order of several tens of mv in a sample about 1 mm thick and with currents of 1-2 amp through the sample. Measurements were made in the temperature range 77-300K. The mobilities of holes in samples alloyed with Al, throughout the entire temperature range and at concentrations from  $10^{17}$  to  $10^{21}$   $\text{cm}^{-3}$ , agree with mobilities obtained previously on samples alloyed with Ga, within 10% or less (values on Ga alloy taken from paper cited above). The mobilities of holes in samples alloyed with In proved to be less than in samples

Card 1/2

L 17109-63

ACCESSION NR: AP3003887

5

alloyed with Ga and Al. At concentrations greater than  $10^{20}$  cm<sup>-3</sup> the Hall concentration was observed to exceed the Al concentration as determined by spectral analysis. "The authors thank V. S. Zemskov and A. D. Belaya for furnishing samples and B. Ya. Kovzhes and L. S. Stibens for interest in the work and for valuable counsel." Orig. art. has: 2 figures and 1 table.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors, Academy of Sciences, SSSR)

SUBMITTED: 16Feb63

DATE ACQ: 15Aug63

ENCL: 00

SUB CORE: PH

NO REF SOV: 008

OTHER: 008

Card 2/2

MARKOV, Konstantin Konstantinovich; BARDIN, Vladimir Igorevich; CRLOV, Aleksandr Ivanovich; BORSHCHEVSKIY, O.A., red.; PETROVA, K.A., red.; LAZAREVA, L.V., tekhn. red.

[Physicogeographical description of the coast line of eastern Antarctic] Fiziko-geograficheskaya kharakteristika beregovoi polosy Vostochnoi Antarktity. Pod red. O.A. Borshchevskogo. Moskva, Izd-vo Mosk. univ., 1962. 147 p. (MIRA 16:1)  
(Antarctic regions—Physical geography)

ORLOV, Aleksandr Lvovich; IVANOV, S.M., red.

(Main field machine) Glavnaya mashina poloi. Moskva,  
Izd-vo "Znanie," 1966. 46 p. (Novoe v zhizni, nauke,  
tekhnika: V. d. l. Tekhnika, no.17) (MIRA 18:8)

ORLOV, A.I.

Shelf glacier named after the Moscow University in Antarctica.

Vest.Mosk.un.Ser.5: Geog. 17 no.3:53-56 My-Je '62.

(MIRA 15:8)

1. Kafedra obshchego zemlevedeniya Moskovskogo universiteta.

(Sarbinska Coast--Glaciers)



PASHKOV, V.Ye.; PARFENOV, A.P.; SOLOV'YEV, V.A.; ORLOV, A.I.

Selection of the optimum magnitude of the pressure area in NSh-32 and  
NSh-46 gear pumps. Trakt. i sel'khoz mash. 32 no.6:14-15 Je '62.  
(MIRA 15:6)

1. Moskovskiy zavod gidroagregatov.  
(Tractors--Equipment and supplies)

ORLOV, A.I. (Gor'kiy)

Treatment of acute inflammations of jaws and face by brief novocain  
penicillin block. Stomatologiya 35 no.2:31-33 Mr-Apr '56. (MLRA 9:7)  
(INFLAMMATION) (PENICILLIN) (NOVOCAINE)

ORLOV, A.I., inzhener.

Building main cable lines. Vest.svyazi 17 no.10:38-39 0 '57.  
(MIRA 10:11)

1. Ministerstvo svyazi USSR.  
(Electric cables)

ALEKSEYEV, Konstantin Alekseyevich; ORLOV, Aleksandr Ivanovich;  
SAVANCHUK, Vladimir Aleksandrovich [Savanchuk, V.O.];  
PISARENKO, M.G., red.; [Pysarenko, M.H.], red.;  
STARODUB, T.O., tekhn. red.

[Manual for rural telecommunication workers] Posibnyk sil'-  
skoho zv'iazkivtsia. Vyd. 2., perer. ta dop. Kyiv, Derzh-  
tekhvydav URSS, 1962. 438 p. (MIRA 16:4)  
(Telecommunication--Handbooks, manuals, etc.)  
(Electric engineering--Handbooks, manuals, etc.)

GUREVICH, D.A., kandidat tekhnicheskikh nauk; ORLOV, A.I., inzhener-  
mekhanik

Proportioning loose material in continuous manufacturing processes.  
Khim.prom. no.9:268-269 S'47. (MIRA 8:12)

1. Giproanilkhraska

(Weighing-machines)

LEBEDEV, P.T.; USOVICH, A.T.; CHEPUROV, I.P., prof.; KAL'CHENKO, M.M., aspirant; MATUSEVICH, V.F., doktor veterin. nauk; STEN'KO, A.S., mladshiy nauchnyy sotrudnik; LAKHMYTKINA, A.N., aspirant; GRISHCHENKO, N.F.; ORLOV, A.I., veterinarnyy vrach (Arkhangel'skaya obl.); PROSTYAKOV, A.P., kand. biolog. nauk; KOVYNDIKOV, M.S., kand. veterin. nauk; ARIFDZHANOV, K.A., kand. veterin. nauk

Veterinary experiments. Veterinariia 41 no.4:101-111 Ap '64.  
(MIRA 17:8)

1. Sibirskiy nauchno-issledovatel'skiy veterinarnyy institut (for Lebedev, Usovich). 2. Poltavskiy sel'skokhozyaystvennyy institut (for Chepurov, Kal'chenko). 3. Ukrainskiy nauchno-issledovatel'skiy institut zemledeliya (for Matusevich, Sten'ko, Lakhmytkina). 4. Chernigovskaya oblastnaya veterinarnaya laboratoriya (for Grishchenko). 5. Ukrainskiy nauchno-issledovatel'skiy institut eksperimental'noy veterinarii (for Prostyakov, Fortushnyy, Kovyndikov). 6. Uzbekskiy nauchno-issledovatel'skiy veterinarnyy institut (for Arifdzhanov).

ORLOV, A.I., inzh.

Improved welding equipment for vinyl plastics. Khim.  
mash. no.6:44-45 N-D '61. (MIRA 15:2)  
(Electric welding.--Equipment and supplies)  
(Vinyl polymers)

*Orlov, A.I.*

SOV/99-59-10-7/11

Doroshko, P.K., Engineer

Extra-mural Session of the Scientific Council of the VNIIGIP at the "Pakhta-Aral" Sovkhoz

PERIODICAL: Otdrobnitsa i melioratsiya, 1959, № 10, pp 58-66 (USSR)

ABSTRACT: The Extra-mural Session of the Nohemy sovets Vsesoyuznogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii Imeri A.S. Kostyakova (Scientific Council of the All-Union Research Institute for Mechanical Engineering and Melioration Imeri A.S. Kostyakova) was held from 15-17 July 1959 at the "Pakhta-Aral" sovkhoz (Kazakh SSR), and was devoted to the introduction and further development of sprinkling and other methods of water saving in cotton-growing. The Session was attended by representatives of 76 research planning, construction and operating organizations connected with the water economy of the Kazakh, Uzbek, Turkmen, Tadzhik, Kirgiz, Uzbek, Georgian, Armenian, Moldavian and Ukrainian republics, and also by representatives of cotton sovkhozes and kolchozes in the Golodnaya step region. The Session heard the following papers: "Sprinkling of the Scientific and Practical Results of the VNIIGIP on the Introduction of Water Irrigation Equipment in the USSR"; "Talk on the Results and Prospects of Using Sprinkling Equipment on the 'Pakhta-Aral' Sovkhoz"; "Senior Agronomist of the 'Pakhta-Aral' Sovkhoz A.V. Paradiyev on the System of Agricultural Measures on the 'Pakhta-Aral' Sovkhoz in Irrigating Cotton with 'Sprinklers'"; "Candidate of Agricultural Sciences S. S. Zhar' of the VNIIGIP on the Scientific and Practical Results of the VNIIGIP on the Introduction of Water Irrigation Equipment in the USSR"; "Candidate of Agricultural Sciences M.M. Pukov of the VNIIGIP on the Technical and Economic Indicators of Sprinkling Machines"; "Candidate of Agricultural Sciences V.V. Sakhayev of the Uzbek SSR"; "Candidate of Agricultural Sciences V.K. Romanyov of the VNIIGIP and M. S. Sakhayev of the 'Pakhta-Aral' akhaya opytaya stantsiya (Pakhta-Aral Experimental Station) on 'Cotton-watering Routes with Sprinklers'; "Candidate of Agricultural Sciences M.V. Brachmanovskaya of the VNIIGIP on the Course of the Water-Salt Cycle in Soils with Sprinkling"; "Candidate of Agricultural Sciences V.I. Kuznetsov of the VNIIGIP on the Economic Efficiency of Sprinkling with Sprinklers"; "Engineer E.N. Zhuravlyov of the VNIIGIP on 'The Experience of Organizing Planned Water Utilization in Sprinkling Cotton over Large Areas'; "Candidate of Engineering Sciences P.A. Gilyornov of the VNIIGIP on the Experience of Using Sprinkling Machines on the 'Pakhta-Aral' sovkhoz"; "Candidate of Engineering Sciences L.L. Amoskova of the VNIIGIP on 'Traveling Irrigable Areas with Framed Lavers'; "Engineer A.A. Baladko of the VNIIGIP on 'The Irrigation of Cotton and Other Agricultural Crops with Water Utilization of Flexible Pipes'"; "On the Introduction of Flexible Pipes".

Card 1/7

Card 2/7

Card 3/7



ORLOV, A.I., inzhener.

~~Worthy initiative of Ukrainian communications workers in housing construction. Vest. svyazi 17 no.3:26-27 Mr '57. (MLBA 10:4)~~

1. Ministerstvo svyazi Ukrainskoy SSR.  
(Ukraine--Housing)

AISTOV, N.N., prof., doktor tekhn. nauk; VASIL'YEV, B.D., prof., doktor tekhn. nauk; IVANOV, V.F., prof., doktor tekhn. nauk; SAKHNOVSKIY, K.V., prof., doktor tekhn. nauk; SMIRNOV, N.A., prof.; OSELOV, A.I., dots., kand. tekhn. nauk; SHIFRIN, S.M., prof., doktor tekhn. nauk; Primali uchastiye: AKIMOVA, L.D., kand. tekhn. nauk, dots.; SPIRIDONOVA, O.M., kand. tekhn. nauk, dots.; MAKUKHIN, V.L., nauchnyy red.; STAROVOYTOV, I.F., inzh., red. izd-va; PUL'KINA, Ye.A., tekhn. red.

[The history of building practices] Istoriia stroitel'noi tekhniki. [By] N.N.Aistov i dr. Pod obshchei red. V.F.Ivanova. Leningrad, Gosstroizdat, 1962. 560 p. (MIRA 15:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Vasil'yev, Sakhnovskiy).

(Building)

CRLOV, A. I. (Vet.)

"On the diagnostic significance and the method of examination for  
microfilariasis of the blood of horses."

SO: Vet. 24 (3) 1947, p. 13

Ertsevo Station, Northern Railroad

ORLOV, A.I.

Bacterioscopic examination method in paratuberculous enteritis of  
cattle. Veterinariia 38 no.1:78-80 Ja '61. (MIRA 15:4)

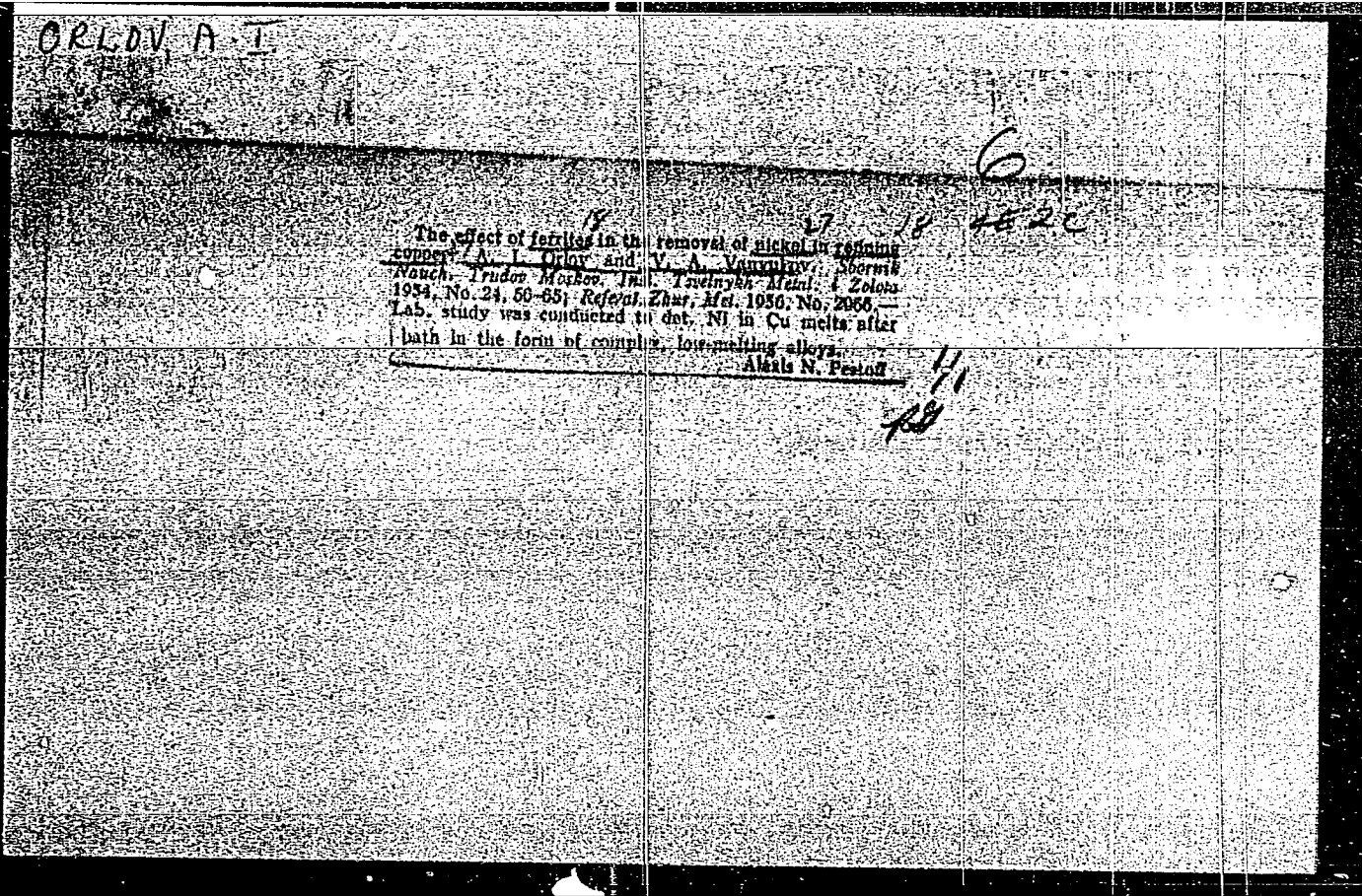
1. Zaveduyushchiy vetbaklaboratoriyey st. Yertsevo, Arkhangel'skoy  
oblasti.

(John's disease) (Veterinary bacteriology)

ORION, A. I.

ORION, A. I. -- "Role of Orion in the process of the development of  
black holes in galaxy clusters." In: "Galaxies, Clusters,  
and the Evolution of the Universe." (eds. by G. B. Jones, et al.,  
for the IAU, Cambridge, England, 1985, p. 115).

1: Telescope, p. 115, 116, 117.



0000 A.I

137-1957 12 23468

Translation from: Referativnyy zhurnal Metallurgiya, 1957, Nr 11, p 91 (USSR)

AUTHOR: Orlov, A. I.

TITLE: The Copper-Nickel Compound (Medno-nikel'nyye soedini)

PERIODICAL: Tr. Izv. Vsesoyuznogo metalurg. in-ta, 1955, Nr 7, pp 26-39

ABSTRACT: Investigations were carried out in order to determine the effect of Sb and As on the removal of Ni in the process of the fire refining of Cu. Experimental results are given for smeltings which most clearly show the conditions necessary for the formation and disintegration of the Cu-Ni compound. The free Ni content, as well as the Ni content tied up in the compound, was determined in the following manner: after dissolving a sample of the Cu in 50 percent HNO<sub>3</sub>, the undissolved compound was filtered out, dried, and weighed. It was then fused with Na<sub>2</sub>CO<sub>3</sub> and K<sub>2</sub>CO<sub>3</sub> at 1000°C and leached out, after which the Ni content in the compound was determined. The total Ni content in Cu was found by adding the amount of the free Ni and of the Ni tied up in the compound.

Card 1/1

G. S.

1. Copper nickel compounds
2. Nickel reduction-Effects

ORLOV, A.I.; KOPYLOV, G.A.

Effect of preliminary sulfatizing roasting on the recovery  
of copper from oxidized and mixed copper ores. Trudy IPI  
no.18:48-55 '63. (MIRA 17:6)



ORLOV, A.I.; KOPYLOV, G.A.; TRAVNIKOVA, L.B.

Enlarged laboratory testing of the hydrometallurgy of  
mixed low-grade ores. Trudy Iii no.18:71-79 '63.

(MIRA 17:1)

KOPYLOV, G.A.; BRUN, A.J.

Investigating the activities of the Soviet intelligence service. From  
Intelligence Review. Vol. 1, No. 1, 1964. (M. 1964)

AZHIKEYEV, M.Kh.; MURSAIMOV, Kt.J.; ORLOV, A.I.; POYARKOV, V.E.

Immediate problems and possibilities of increasing the economic  
efficiency of geological works. Sov. geol. 8 no.8:126-138 Ag '65.  
(MIRA 18:10)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo  
syr'ya.

AZHIKHEYEV, M.KH.; LI, F.G.; MURSALIMOV, K.I.; CHENOV, A.I.; BYAKOV, I.I.

Evaluation of the productive reserves of hydrocarbons based on prospecting data from Kazakhstan. Izv. AN Kazan. Ser.geol. 22 no.5:83-92 S-C '65. (MIRA 1965)

1. Kazakhskiy institut obratnoye pozitsiya, g. Almaty, Institut geologicheskikh nauk imeni K.I. Ba'yeva, g. Alma Ata.

ORLOV, A. I.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Instituted by</u>
<u>Orlov, A. I.</u>	"[Illegible Title]"	[Illegible Name]

SO: W-30604, 7 July 1954

MAKSIMOV, G.A., professor, doktor tekhnicheskikh nauk; ORLOV, A.I., dotsent, kandidat tekhnicheskikh nauk; STAROVEROV, I.G., inzhener, nauchnyy redaktor; SMIHNOVA, A.P., redaktor; SMOL'YAKOVA, M.V., tekhnicheskiy redaktor.

[Heating and ventilation] Otoplenie i ventiliatsiia. Pt. 1.  
[Heating] Otoplenie. Izd. 2-e, perer. Moskva, Gos. izd-vo  
lit-ry po stroitel'stvu i arkhitekture. 1954. 304 p.  
[Microfilm] (MIRA 8:2)  
(Heating)

*C. 10-11-55*  
FEL'DMAN, L.V.; ORLOV, A.I.; FILIPPOV, A.V.; CHARNYY, S.S.; BRIK, F.G.

                      
Clay bricks for facings. Rats. i isobr.predl. v stroi. no.108:  
28-01 '55. (MIRA 8:10)

(Bricks)

ORLOV, Aleksandr Ivanovich, dotsent, kand.tekhn.nauk; DROZDOV, V.P., dotsent, retsenent; TURKUS, V.A., dotsent, nauchnyy red.; NINEMYAGI, D.K., red.izdatel'stva; GOSEVA, S.S., tekhn.red.; STEPANOVA, B.S., tekhn.red.

[Heating and ventilation] Teploabzhenie i ventiliatsia.  
Izd.2-oe, perer. Moskva, Gos.izd-vo lit-ry po stroit.i arkhit.,  
1957. 299 p. (MIRA 10:12)  
(Heating) (Ventilation)



ORLOV, A.I.

Changes in the heat emission of the "Moskva-132" radiator when  
installed under various coverings. Vod.issan.tekh. no.6:31-33  
Je '57. (MIRA 10:7)

(Radiators)

ORLOV, A.I.; SHCHEGLOV, V.P., dotsent, kand.tekhn.nauk, retsenzent;  
KOSTRYUKOV, V.A., inzh., retsenzent; YEGIAZAROV, A.G., kand.  
tekhn.nauk, nauchnyy red.; SMIRNOVA, A.P., red.izd-va;  
RYAZANOV, P.Ye., tekhn.red.

[Heating and ventilation] Otoplenie i ventilatsiia. Moskva,  
Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam.  
Pt.1. [Heating] Otoplenie. 1960. 223 p. (MIRA 13:9)  
(Heating)

ORLOV, A.K.

For a comprehensive utilization of the track equipment.  
Put' i put. khoz. 7 no.6:16 '63. (MIRA 16:7)

1. Pomoshchnik nachal'n... po kadram, Tashkent.  
(Railroads—Maintenance and repair)

ORLOV, A.K.; PISKUNOV, I.N.

Regularities of the process of sublimation of cobalt from  
pyrite concentration dress. Zap. LGI 42 no.3:102-109 1969

Sublimation of metals from pyrite concentration dress.

Ibid.:110-120

(MIRA 17.10)

IL'IN, K.V.; ORLOV, A.K.; SINYAGIN, Yu.A.

Achievements of a collective. Put' i put. khoz. 9 no.2:8-9 '65.

(MIRA 18:7,

1. Zamestitel' nachal'nika Tashkentskoy distantzii Sredneaziatskoy dorogi (for Il'in). 2. Pomoshchnik nachal'nika Tashkentskoy distantzii Sredneaziatskoy dorogi pl kadram (for Orlov). 3. Nachal'nik uchastka puti, stantsiya Tashkent, Sredneaziatskoy dorogi (for Sinyagin).

ORLOV, A. M.; SMIRNOV, A. A.

Theory of the Formation of Oxidation Films on Alloys

Acta Physicochim. 2, 25, 1947.

ORLOV, A.M.; BORBAT, V.F.; FERBERG, M.B.

Reduction of selenium from selenium-bearing soda solutions by  
hydrogen under pressure. TSvet. met. 36 no.3:81-83 Mr '63.  
(MIRA 16:5)

(Selenium--Metallurgy)

ORLOV, A.M.

Installing a marble facing offset from the wall. Moskva, Gos. izd-vo lit-ry po stroitel'  
stvu i arkhitekture, 1951. 58 p. (52-37887)

TEL201.07



ORLOV, A. M.

Comp. Obitsovka Zdanij Yestestvennym Kamnem. (Facing  
Structures With Natural Stone) Moskva, 1952. 223 P. Illus.,  
Tables, Diagr. (Akademiya Arkhitektury SSSR. Spravochnik  
Arkhitekora Tom 14)

So: N/5  
748.4  
.C7

ORLOV, A. M.

Orlov, A. M. -- "Investigation of the Effect on Its Preservation of Methods of Laying Marble Facing." Cand Tech Sci, Sci Res Inst of Construction Engineering, Acad of Architecture USSR, 29 Jan 54. (Vechernyaya Moskva, 20 Jan 54)

SO: SUM 168, 22 July 1954

ORLOV, Aleksandr Mikhaylovich, kandidat tekhnicheskikh nauk; PIRUMOV, G.I.,  
Inzhener, Nauchnyy redaktor; TYAPKIN, B.G., redaktor izdatel'stva;  
PECHKOVSKAYA, T.V., tekhnicheskiy redaktor; GUSEVA, S.S., tekhnicheskiy redaktor

[The processing of natural decorative stone] Obrabotka prirodnogo dekorativnogo kamnia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 157 p. (MLRA 10:2)  
(Stonecutting)

BERG, P.A.; ORLOV, A.M.; MINOR, A.K.

Improved methods for transporting bricks piled "treelike" on extended trays. Suggested by P.A.Berg, A.M.Orlov, A.K. Minor. Rats.i izobr.Predl.v stroi. no.12:48-51 '59.  
(MIRA 13:5)

1. Po materialam testa Tagilstroy Sverdlovskogo sovmarkhoza, Nizhniy-Tagil, Sverdlovskoy oblasti.  
(Bricks--Transportation)

ORLOV, A.M., kand.tekhn.nauk

Factory methods of finishing slabs. Stroi. mat. 7 no.9:20-21 S  
'61. (MIRA 14:11,  
(Precast concrete) (Finishes and finishing)

ORLOV, A.M., kand. tekhn. nauk; KHMELEVSKIY, V.A., arkhitektor

Mechanization of the processes of finishing panels in the  
factory. Mekh. stroi. 18 no.12:8-9 D '61. (MIRA 16:7)

(Finishes and finishing)  
(Concrete slabs)

ORLOV, A.M.

Decorative concrete finish. Gor. khos. Mosk. 36 no.10:24-25  
0 '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh  
stroymaterialov Akademii stroitel'stva i arkhitektury SSSR.  
(Concrete)

DOBRYAKOVA, Lyudmila Ivanovna, kand. tekhn. nauk; YEVDOKIMOV,  
Aleksey Aleksandrovich, inzh.; LOPOVOK, Lev Isayevich,  
kand. arkhitektury; PILOVZOROV, Aleksey Konstantinovich,  
arkh.; ORLOV, Aleksandr Mikhaylovich, kand. tekhn. nauk;  
KHMELEVSKIY, Vladimir Aleksandrovich, arkh.; GLEZAROVA,  
I.L., red.; BOROVNEV, N.K., tekhn. red.

[Industrial finishing of buildings] Industrial'naya ot-  
delka zdaniy. Moskva, Gosstroizdat, 1963. 106 p.

(MIRA 16:11)

(Buildings--Finishing)



I 8957-66 EWT(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(l)/ETC(m) WW

ACC NR: AP5026549 SOURCE CODE: UR/0286/65/000/019/0096/0096

AUTHORS: Zaleskiy, V. V.; Potapchenko, V. A.; Titkov, B. P.; Kamanin, V. S.; Orlov, A. M.; Ruzayev, E. I. 74.55 74.55 74.55 74.55

ORG: none 74.55

TITLE: An ultrasonic defectoscope. Class 42, No. 17530; [announced by Scientific Research Institute of Machine Construction (Nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya)] 44.55

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 96

TOPIC TAGS: defectoscope, defect indicator, error minimization, ultrasonic equipment, ultrasonic inspection, ultrasonic sensor

ABSTRACT: This Author Certificate presents an ultrasonic defectoscope for inspecting items by the shadow method. The defectoscope contains an ultrasonic oscillator and also an oscillation transmitter and receiver, both mounted on the item being inspected. The device is designed to eliminate the error caused by fluctuations of the signal amplitude of the receiver under the influence of changing dimensions of the item made of material with a large ultrasonic absorption coefficient. A modulator is included in the receiver circuit, and the output voltage of this modulator is used for feeding the feedback voltage to the oscillator. The modulator output voltage possesses a fairly high inertia for preventing a change of the oscillator signal level under the action of sharp, brief signal changes caused by the defects. An auxiliary receiver which is used for the voltage control of the oscillator may be mounted on the surface of the

Card 1/2

WDC: 620.179.16

L 8957-66

ACC NR: AP5026549

item adjacent to the base.

SUB CODE: 09, 13/ SUBM DATE: 03Feb64

BVK  
Card 2/2

ACC NR: AP6031648

SOURCE CODE: UR/0020/66/170/001/0096/0098

AUTHOR: Lin'kova, M. G.; Orlov, A. M.; Knunyants, I. L. (Academician)

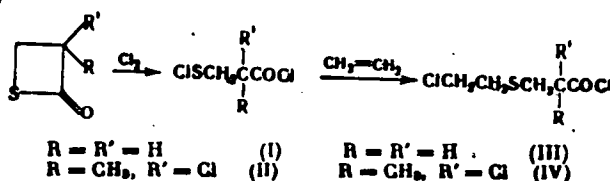
ORG: Institute of Organometallic Compounds, Academy of Sciences, SSSR (Institut elementoorganicheskikh soedineniy Akademii nauk SSSR)

TITLE: New reaction of  $\beta$ -propiothioloactones

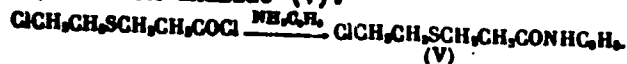
SOURCE: AN SSSR. Doklady, v. 170, no. 1, 1966, 96-98

TOPIC TAGS: lactone, organic sulfur compound

ABSTRACT: It was found that  $\beta$ -propiothioloactones are readily cleaved by chlorine to yield chlorides of the corresponding chlorosulfonylpropionic acids. The following reactions were carried out:



Aniline reacts with (III) to form anilide (V):

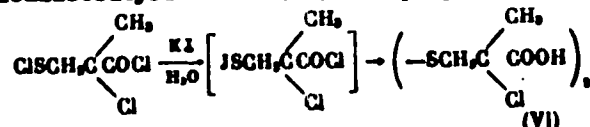


Card 1/2

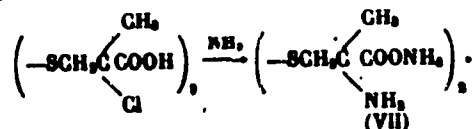
UDC: 542.91+547-314

ACC NR: AP6031648

2,2'-Dichloro-3,3'-dithiodiisobutyric acid (VI) was prepared as follows:



In liquid ammonia, (VI) readily exchanges a chlorine atom for an amino group to form α,α'-dimethylcystine (VII):



In many cases, this method may be the simplest in preparing cystine homologs.

SUB CODE: 07/ SUBM DATE: 05Feb66/ ORIG REF: 001/ OTH REF: 007

Card 2/2

ORLOV, A.F.

Foreign bodies in the gastrointestinal tract of children from  
data of a district hospital. *Pediatrics* no. 7:78-80 '62.

(MIRA 15:12)

1. Iz khirurgicheskogo otdeleniya (zav. A.F. Rudnov) i detskogo  
otdeleniya (zav. L.P. Yerokina) Irshinskoy bol'nitsy Krasnoyarskogo  
kraya.

(ALIMENTARY CANAL--FOREIGN BODIES)

ORLOV, A. N.

ORLOV, A. N.

Newest DDT and hexochlorine insecticides in control of insect  
pesta. Gig. sanit., Moskva No. 10, Oct. 50. p. 52-4

GIML 20, 3, March 1951

ORLOV, A. N.

USSR/Chemistry - Insecticides

May 51

"Hexachlorane as Fly-Killer," A. N. Orlov, Sanitary-Epidemiol Sta, Pokhvistnevsk Rayon, Kuybyshev Oblast

"Gig 1 San" No 5, pp 44-47

Hexachlorane is universal poison for many parasites. Rooms can be treated by 5% admixt of it to whitewash. It quickly destroys parasites and facilitates the lowering and complete elimination of typhus, intestinal infections and other infectious diseases.

LC

186T19

СЛОВ, А.Н., инж. (Куйбышев).

Advantages and shortcomings of oil-filled switches and  
air switches. Flek. sta. 35 no. 3473-74 Mr '64.  
(MIRA 1964)



ORLOV, A.N.

Perforated gastric and duodenal ulcers in children. Vest.  
Khir. 91 no.10:101 0 '63. (MIKA 17:7)

1. Iz khirurgicheskogo otdeleniya (zav. - M.Ye. Ponomareva),  
detskogo otdeleniya (zav. - N.Ye. Kol'zdorf) Zaozernovskoy  
mezhrayonnoy bol'nitsy (glavnyy vrach - V.K. Korenev) Krasnoyar-  
skogo kraya. Adres avtora: Krasnoyarskiy kray, gorod Zaozernyy,  
poselok Irsha, Zaozernovskaya mezhrayonnaya bol'nitsa.

0.147, 0.148

1. The following information is being furnished to you for your information only. It is not to be used for any other purpose.

2. This information is being furnished to you for your information only. It is not to be used for any other purpose.

ORLOV, A. N.

"Therapy of Thermal Burns With the Use of Antibiotics," from the book  
Theses of the Reports of the Scientific Session of the Military Medical Academy  
in. S. M. Kirov, Tezisy Dokladov Nauchnoy Sessii, 29 Oct-2 Nov 1956, Leningrad.

ORLOV, A.N., podpolkovnik meditsinskoy sluzhby

Possibility of surgery for neglected burns. Voen.-med.zhur. no.8:  
8-10 Ag '57. (MIRA 10:12)  
(BURNS, surgery,  
(Rus))

ORIOV, A.N., podpolkovnik med. sluzhby

Distribution of penicillin in the burn patient. Voen.-med. zhur.  
no.1:74-77 Ja '59. (MIRA 12:3)

(BURNS, ther.  
penicillin, blood concentration after various methods  
of admin. (Rus))

(PENICILLIN, ther. use  
burns, blood concentration after various methods of  
admin. (Rus))

ORLOV, A.N., kand.med.nauk (Leningrad K-9, prosp.Karla Marksa, d.7, kv.11)

Surgical treatment of deep burns in children. Ortop., travm. i  
protez. 23 no.11:47-50 N '62. (MIRA 16:4)

1. Iz khirurgicheskoy kliniki (nachal'nik - prof. T.Ya.Ar'yev)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.  
(BURNS AND SCALDS) (CHILDREN—SURGERY)

ORLOV, A.N.

Some problems of oxyne-try and oxygen therapy in gynecological practice.  
Akush. i gin. no. 0114-018 N-D '63. (MIRA 17:12)

1. Iz ginekologicheskogo otdeleniya (zav. Ye.Ye.Varoshkina) i khirurgicheskogo otdeleniya (zav. - A.F.Rudnev) Irskinskoy bol'nitsy Krasnoyarskogo kraya.

ORLOV, A.N., kand. med. nauk

Case of perforated duodenal ulcer with profuse gastric hemorrhage following burns. *Pediatrics* 42 no.8:86-87 Ag'63

(MIRA 17:4)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.



ORSHV, A.N., kand. med. nauk (vestn. zap. vuzov. Medits. d. 7., kv. 11)

Diagnosis and treatment of ...  
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1. The first part of the document is a list of names and titles of the members of the committee. The names are listed in alphabetical order. The titles are listed in the order in which they appear in the document.

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ORLOV, A.N., aspirant

External respiratory function in thyrotoxicosis patients before surgery and in the early postoperative period. Vest. khir. 93 no.8:18-23 Ag '64. (MIRA 18:7)

1. Is gospiatal'noy khirurgicheskoy kliniki (sav. - prof. N.V. Rozovskiy) Krasnoyarskogo meditsinskogo instituta.

ORLOV, A.N., dotsent; ROZIN, L.B.

Characteristics of blood transfusion in patients with burns.  
Probl. gemat. i perel. krovi 9 no.9:30-32 S '64. (MIRA 18:7)

1. Khirurgicheskaya klinika (Nachal'nik - Prof. T.Ya.Ar'yev)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova,  
Leningrad.