

harmonic, a tuned amplifier (voltage gain, 12×10^3 , bandwidth at 3 db, 100 cps) tuned to the second harmonic with associated input filter to attenuate the first and third harmonics by 40 db, a synchronous phase detector, and a d-c current amplifier (gain, 20). Two telemetry channels are utilized for each magnetic-field coordinate, one channel for positive values and the other for negative values. A diode gate

Card 1/3

2.

L 23434-66

ACC NR: AP6012835

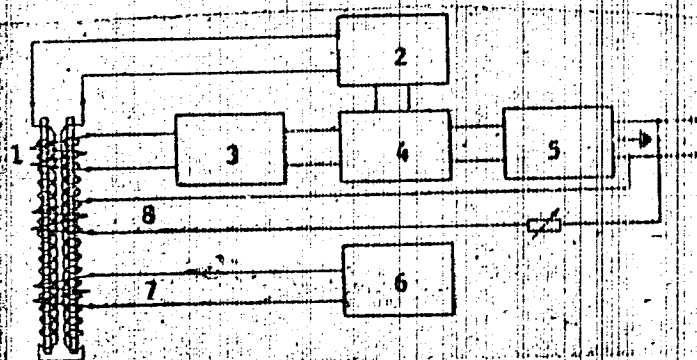


Fig. 1. Magnetometer

1 - Search coil; 2 - generator; 3 - amplifier;
4 - phase detector; 5 - dc amplifier; 6 - reference
voltage; 7 - calibration loop; 8 - feedback loop.

Card 2/3

L 23434-66

ACC NR: AP6012835

6

in the d-c amplifier unit diverts the information to the appropriate channel. The inclusion of a heavy voltage feedback confines the magnetometer nonlinearity to 2—3%. The sensitivities of two magnetometers are 2—3 γ and 20—30 γ ; the temperature stability measured at -3C, +18C, and +55C did not exceed 0.2 γ /C for the first and 0.7 γ /C for the second. A special unit for sensitivity calibration with the use of a reference voltage source is also included. The average error in measuring the scalar magnetic field was $\pm 4 \gamma$ and $\pm 40 \gamma$. The zero drift did not exceed 2—3 γ per day. The 14-v power supply for the magnetometers was stabilized by a P103 transistor and a DB11 Zener diode. All other transistors used were the P103 type. Power consumption for each magnetometer was 2.2 w. "In conclusion, the authors are indebted to A. V. Klimovskiy, A. I. Korhov, Ye. Ye. Kanonidi, L. I. Ulanov, V. M. Agafonnikov, and V. E. Bykhov for their active participation during the manufacturing, calibration, and testing of equipment." Orig. art. has: 1 formula and 4 figures. [BD]

SUB CODE: 09, 17/ SUBM DATE: 05Jun64/ ORIG REF: 003/ ATD PRESS:

4235

Card 3/3 *ala*

L 02976-67 EWT(1)/FSS-2/FCC TT/GW

ACC NR: AP6032857

SOURCE CODE: UR/00:20/66/170/003/0574/0577

AUTHOR: Dolginov, Sh. Sh.; Yeroshenko, Ye. G.; Zhuzgov, L. N.; Pushkov, N. Y. ⁷¹₇₇

ORG: Institute of Terrestrial Magnetism, Ionosphere, and Radiowave Propagation,
Academy of Sciences, SSSR (Institut Zemnogo magnetizma, ionosfery i rasprostraneniya
radiovoln Akademii nauk SSSR) ⁸

TITLE: Measurement of the magnetic field in the vicinity of the moon by the Luna-10
artificial satellite ¹²

SOURCE: AN SSSR. Doklady, v. 170, no. 3, 1966, 574-577

TOPIC TAGS: magnetic field, lunar orbit, lunar satellite, ~~SUNAR ENVIRONMENT,~~
~~MAGNETIC FIELD MEASUREMENT~~

ABSTRACT: The magnetic field intensity in the vicinity of the moon was measured by a three-component magnetometer carried on Luna-10. The magnetometer measurement range and its threshold of sensitivity in each direction were 50 γ ($1 \gamma = 10^{-5}$ Oe) and 1 γ , respectively. During the lunar orbital flight the satellite rotated around a given axis. The magnetic field components parallel (T_{\parallel}) and perpendicular (T_{\perp}) to this axis were measured. The absolute and relative errors in measuring the resultant magnetic field were estimated to be $\pm 10 \gamma$ and $\pm 5 \gamma$, respectively. During the observation period (3 April to 4 May 1966), the total magnetic field and its components fluctuated in the following ranges: $T = 23-40 \gamma$, $T_{\parallel} = 18-38 \gamma$, and $T_{\perp} = 12-16 \gamma$. A correlation was established between variations in T and T_{\parallel}

Card 1/2

UDC: 538.7

L 02976-67

ACC NR: AP6032857

4
and changes in the magnetic activity index. It was not possible to establish the presence of a lunar dipole magnetic field or the Earth's magnetospheric tail by means of these direct observation methods. The most reliable average value of T_L obtained was 15 γ , which exceeds the interplanetary value for the same index of magnetic activity. It is hypothesized that the moon is magnetically permeable. The authors express their gratitude to E. I. Magilovskiy, V. N. Orbidko, Yu. V. Afanasyev, and V. P. Lyulik. Orig. art. has: 2 figures.

SUB CODE: 03/ SUBM DATE: 27Jul66/ ORIG REF: 001/ OTH REF: 003/ ATD PRESS: 5099

Card

2/2 *egh*

ACC. NR: A17007600

SOURCE CODE: UR/0293/66/004/006/0880/0899

AUTHOR: Zhuzgov, L. N.; Dolginov, Sh. Sh.; Yeroshenko, Ye. G.

ORG: none

TITLE: Investigation of the magnetic field from the satellite "Luna-10"

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 6, 1966, 880-899

TOPIC TAGS: lunar satellite, magnetic field, solar wind / Luna-10

lunar satellite

SUB CODE: 22,03,20

ABSTRACT:

change of the index of magnetic activity at the earth's surface. The error of the absolute scalar value of the field is estimated at $\pm 10 \gamma$. Comparison of the measured field values in the region of the pericenter and apocenter and evaluation of possible distortions of the field by the solar wind indicate that the moon does not have a field of a dipole nature. The authors discuss the problem of whether the observed field can be identified with the interplanetary field of solar origin, deformed or trapped by a moon having finite conductivity and permeability. Comparison of measurements in periods of the full and new moons fails to indicate a direct extent of the earth's magnetic field on the nighttime side to distances 60 Rg.

This is a report on observations of the magnetic field of regular structure in the neighborhood of the moon whose intensity during the time of observations varied in the range 24-40 γ , in agreement with the

Card 1/2

UDC: 629.195.3:523.36:621.317.444

0720530

ACC NR: AP7007600

The authors thank Yu. V. Afanas'yov, V. P. Lyulik, and G. N. Aleksyeva for participating in the preparation of the apparatus. Orig. art. has: 3 formulas, 12 figures and 1 table. JPRS: 39,718

Card 2/2

ACC NR: AP6037095

SOURCE CODE: UR/0125/66/000/011/0020/0023

AUTHOR: Mosiashvili, O. Ya.; Suladze, R. N.; Yeroshev, Yu. V.

ORG: Tbilisi Affiliate of VNIIESO (Tbilisskiy filial)

TITLE: Thermal load of a pinched arc on a tungsten cathode

SOURCE: Avtomaticheskaya svarka, no. 11, 1966, 20-23

TOPIC TAGS: tungsten conductor, cathode, arc welding, inert gas welding

ABSTRACT: The article is a report on experimental work being done at the Tbilisi Affiliate of the VNIIESO to determine the effect of the methods used for inert gas feed and rates of gas flow on thermal processes with tungsten cathodes of various shapes and sizes in the current range from 20 to 250 amps. The cathode was silver-soldered in a copper water-cooled cylinder after which the cylinder and cathode were both turned on a single machine for strict coaxiality. Thermal flux on the cathode was measured by determining the temperature difference of the incoming and outgoing cooling water. The resultant data were used for determining the relationship between heat flux on the cathode, methods of gas feed (axial and tangential), rate of gas flow (1-3 m³/hr), electrode diameter (2,3 and 6 mm), electrode length (10 and 20 mm) and current amplitude (20-250 a). It was found that the method of gas feed and rate of gas flow have practically no effect on the heat flux in the cathode. Increasing

Cont 1/2

UDC: 621.791.85.001

ACC NR: AP6037095

the diameter of the cathode and reducing its length of protrusion increases heat flux, although the surface temperature of the cathode is reduced. The ratio of the heat flux (in watts) carried away by the water to the magnitude of the corresponding current (in amps) decreases as the current is raised and approaches a certain limit determined by electrode diameter and length of protrusion. Orig. art. has: 5 figures.

SUB CODE: 13, 20/ - SUBM DATE: 09Mar66

Card 2/2

ISAGULYANTS, V.I.; YEVSTAF'YEV, V.P.; YEROSHEVA, L.I.

Condensation of phenol with allyl alcohol and propionaldehyde on the cation exchanger KU-2. Zhur. ob. khim. 33 no. 5: 1694-1695 My '63. (MIRA 1616)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni I.M. Gubkina.

(Phenol condensation products)
(Allyl alcohol) (Propionaldehyde)

GENKINA, L.M.; DENISYUK, N.N.; YEROSHEVICH, E.S.

Photographic observations of "Echo-2" entering the earth's shadow.
Astron.zhur. 42 no.5:1117-1119 S-O '65. (MIRA 18:10)

1. Institut astrofiziki AN KazSSR.

BADZYAKO, M.N. [Badziaka, M.N.]; YEROSHEVICH, G.B. [Iarashevich, H.B.]

Methodology for a quantitative determination of the degree of
recrystallisation. Vestsi AN BSSR. Ser.fiz.-tekh.nav. no.3:76-80 '60.
(MIRA 13:9)

(Crystallisation)

MEL'NIKOV, A.S.; VOLKOV, S.N.; YEROSHEVSKAYA, R.I.

Silurian and Devonian of the Northern Sos'va region, *Trudy VSEGEI*
86:87-101 '62. (MIRA 17:11)

PROCEDURES AND PROPERTIES MODEL

17

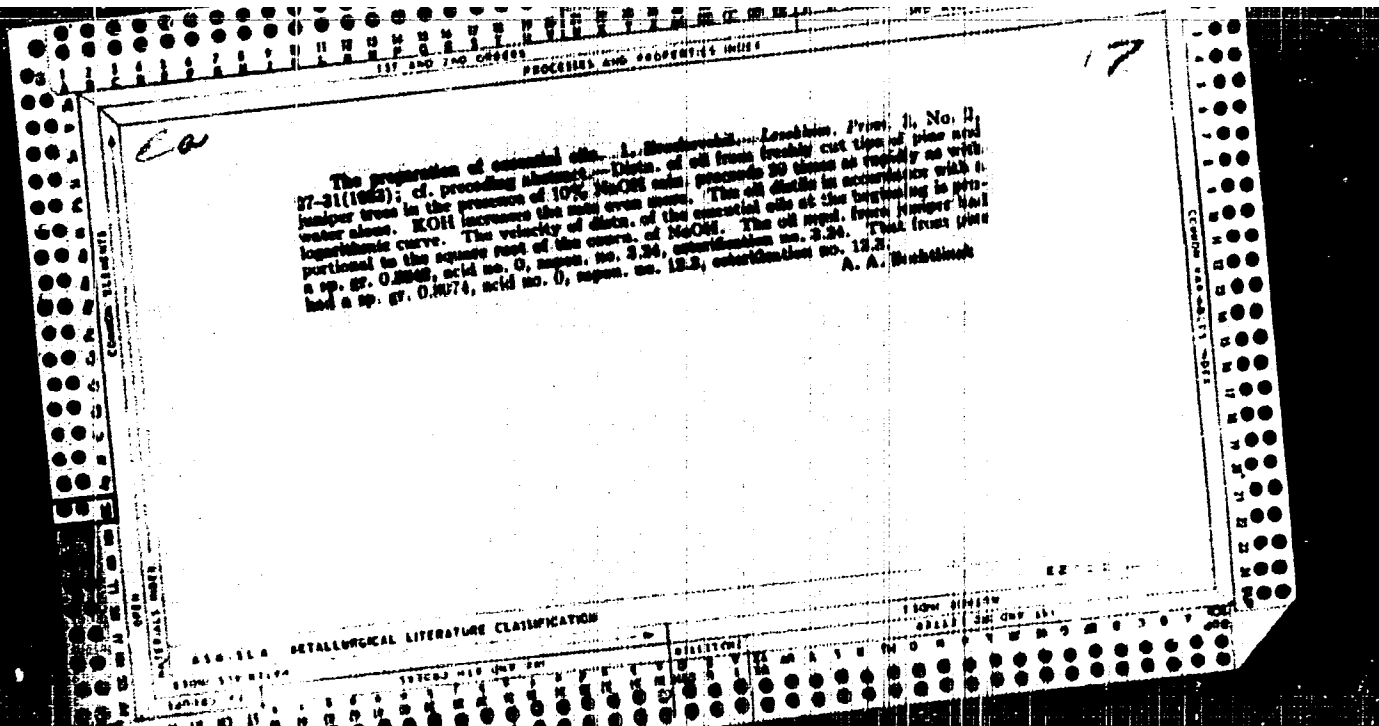
ca

Rational preparation of essential oils. — *Proceedings of the Acad. Sci. USSR, Div. Chem. Sci., No. 6-6, 34-6 (1952).* — In the acoustic treatment of the crude wood (a higher yield of turpentine is obtained than in the extra. with steam). This is due to the presence of turpentine in the resin; the turpentine is only incompletely removed by steam, while with acoustic the resin is exposed and dissolves in the water, thus leaving the turpentine free. NaOH and to a smaller extent Na₂CO₃ break up the fibers, dissolve the hemicellulose, destroy lignin, etc., thus liberating turpentine in higher yield. However, oils obtained through sapon. are characterized by a lowering in the quality of the odor. Expts. were carried out with types of *Pinus sibirica*, *Pinus conata* and *Juniper* type. The yields of essential oils were considerably higher with the acoustic method than with steam distil. The results are tabulated and the procedure is described in detail. A. A. Bondar'ev

ASB-516 METALLURGICAL LITERATURE CLASSIFICATION

SEARCH SYMBOLS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROCESSES AND PROPERTIES WITH

82

CA

The problems in connection with the utilization of solidified pine pitch. I. N. V. Tikhovitchil. *Leningradskaya Prom. S. No. 4, 30-2 (1933)*.—The pitch contains an av. of 67.8% of resin-like constituents. The resin contd. from this pitch is widely different from that obtained in the regular way, being inferior in its softening point and color. II. Preparing resin soap. J. G. Egozhynskii. *Ibid. 33-7*.—By action of the above pitch (100%) was formed a black, viscous mass contg. 4.94% NaOH and 31.8% inorganic compound of: (1) unoxidizable substance 4.72%; (2) unoxidizable acidic components 5.87%. (a) which cannot be salted out 19.30%, which are salted out 83.61%; (3) oxidizable components 21.21%. (a) which cannot be salted out 10.87%, (b) which are salted out 89.15%. The raw material (pitch) contained foreign admixtures 25.25, turpentine 4.31 and resinous components 70.33%. The latter contained unoxidizable substance 18.08, components which could be salted out 45.37 and those which could not be salted out 37.41%. The operations are described. A. A. Buchlinch

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

SERIES

DATE

BY

NO.

VOLUME

PAGE

REMARKS

191 609 JMB 6/1/68

CO

17

The rational preparation of essential oils. III. I. G. Bronshteyn, *Zashchita. Prava*, 4, No. 4, 17-20 (1960) (cf. C. A. 27, 5473).—Data carried out with extra. of pine and spruce tips showed that the pine tips exposed to sunlight are lower in essential oils than those from the shady side; this relation is reversed for spruce tips. A. A. Nozhik

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION	INDEXING	SEARCHING	RETRIEVAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100			

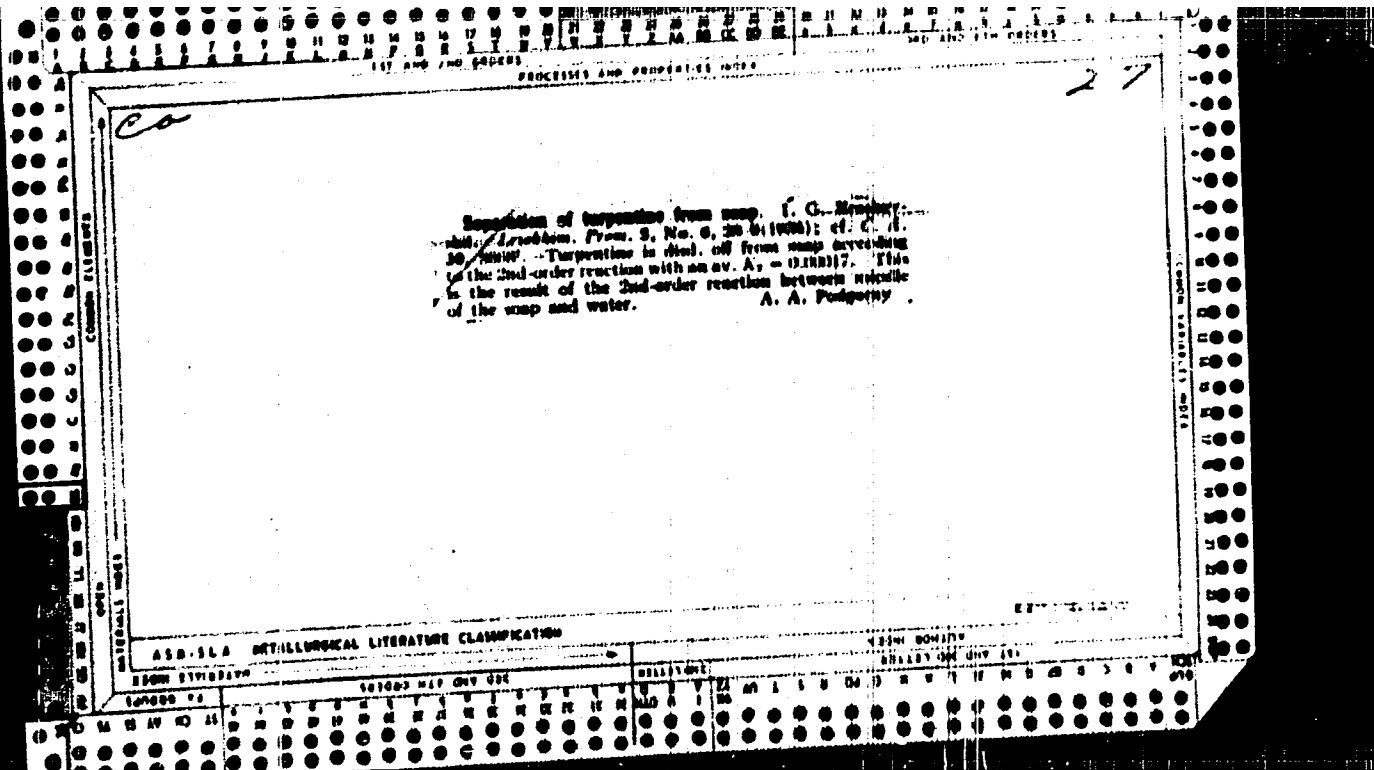
TEROSHEVSKY, I. S.

Be

B-2-8

Dissolution of asbestos from salt lye. I. C. Eroshenko (U.S.S.R. *Chem. Abstr.*, 1955, 6, No. 12, 23-27).—Salt lye leached without addition of 5% of NaCl dissolves the serpentine more rapidly than in presence of salted lye. The process was a first-order reaction ($k_1 = 0.14-0.20$), whereas the dissolution of salted lye was a second-order reaction ($k_2 = 0.007-0.0045$). *Ch. Abstr.* (2)

ASBESTOS METALLURGICAL LITERATURE CLASSIFICATION



Ch

2

The order of reaction of hydrogenation and dehydrogenation. M. A. Gurevich and I. G. Ermakova. *J. Gen. Chem. (U. S. S. R.)* 19, No. 23-7, 1948 (1949), p. 1111.

If at any given moment the whole reacting mass is under the influence of active points of the catalyst, then the reactions are of the 1st or the 2nd and 3rd order. If at any given moment a considerable part of the reacting mass A is under the influence of the catalyst (i. e., if there is an insufficiency of the catalyst) and the greater part is in reserve (A (reserve)), then there are 2 possible variants. (a) If A (reserve) is very great, i. e. $A \text{ (reserve)} \rightarrow A = B + C$, then the reaction always seems to be of the zero order. If A (reserve) is small then there are possible the 2 following conditions: (b) If the reaction $A = B + C$ proceeds rapidly $A \text{ (reserve)} \rightarrow B + C$, which is a 1st-order equation. (c) If the reaction $A = B + C$ proceeds slowly then A is increasing constantly from A (reserve) and $A \text{ (reserve)} \rightarrow A = B + C$, where the rate of formation of B and C is uniform and the reaction seems to be of the zero order. The exper. part of the investigation consisted in the dehydrogenation of isobutanol with a Co catalyst (1, 1.5, 2.5 and 6%) according to $C_4H_9O \rightarrow C_4H_8 + H_2$ in the presence of CaO (as promoter) and xylene. The velocity of dehydrogenation is proportional to the mass of the catalyst. The dehydrogenation constants for the reactions with 1 and 1.5% of the catalyst correspond to a zero-order reaction and with 2.5 and 6% of the catalyst to a 1st-order reaction. Twenty references. W. R. H.

ADDITIONAL BIBLIOGRAPHICAL LITERATURE CLASSIFICATION

8 877 1/25 148 115

PROCESSES AND PROPERTIES INDEX

717 499 140 09899

10

Based chloride and its isomers. U. A. Kishakov and I. G. Erenerovskii. *J. Gen. Chem. (U. S. S. R.)* 10, 1441 (1940).—The product isolated by Lyubimov, Kutovskii and Shostakov (C. A. 34, 3718) from the cleavage products of the liquid chlorides which were obtained by the action of HCl on picene and which they did not identify is shown to be α -benzene. B. Z. Kamich

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SUBJECTS

FROM SOCIETY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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EROSEVSKIJ, J. G.

"Sur l'ordre de la réaction d'hydrogenation et de deshydrogenation", M. A. Grechnev, et
Erosevskij, J. G. (p. 2005)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 10, no. 19-20.

RUDAKOV, G.A., YENOSHEVSKIY, Y.G.

USSR

"The Problem of the Study of Borneylchæride
and its Isomers" Zhur. obshch. khim. 10, No. 22
1940. All-Union Scientific-Research Institute of the Hydrolysis and
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Report, U-1612, 3 Jan. 1952/

GREKHNEV, M. A.; YEROSHEVSKIY, I. G.

"The Order of the Reaction of Hydrogenation and Dehydrogenation".

Zhur. Obshch. Khim., 10, No. 23-24, 1940.

All-Union Scientific-Research Institute
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Received 11 May 1940.

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PROPERTIES AND PROPERTIES INDEX

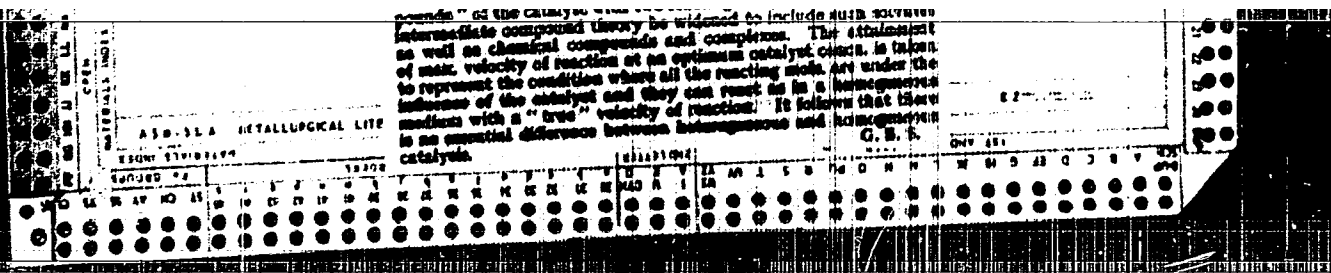
110

The formation of resins in coniferous trees. I. G. ~~Ushakov~~ *Applied Chem. (U. S. S. R.)* 13, 1215-7 (in French, 1217) (1940).—A review of literature is given. On the assumption that the amt. of resin formed is equal to the amt. of resin tapped from the tree, the const. K_1 of the reaction of resin formation was calcd. K_1 corresponded to a unimol. reaction of resins and terpenes.

A. A. Polignny

A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION

A S T M METALLURGICAL LITERATURE CLASSIFICATION										C E N T R A L									
SECTION										SUBSECTION									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



YEROSHEVSKIY, I. G.

"On the Relation between the Rate of Catalytic Reactions and the Amount of the
Catalyst Used," Zhur. Obshch. Khim., 15, No. 3, 1945;

Mbr., All-Union Sci. Research Inst. Sulphite.

YEROSHEVSKIY, I. G.

USA/Chemistry - Hydrocarbons
Chemistry - Catalysis

Feb 49

*Irreversible Catalysis and Catalytic Dehydrogenation of Hydrocarbons on Activated Carbon, G. A. Madarov, E. P. Borisova, O. A. Tomel'yanova, I. G. Yeroshevskiy, N. F. Komshilov, A. N. Isakova, N. M. Merkin, L. S. Khomenko, *Can Sci Res Inst of Wood-Pulp Chem*, 10, pp

Zhur Priklad Khim Vol XXII, No 2

Investigation carried out on par terpenes and a naphthene hydrocarbon, n-methane, showed that activated carbon brings about irreversible catalysis and dehydrogenation of hydrocarbons. This confirms conclusions made long ago by Russian scientists working on pyrolysis of petroleum. Describes reactions in detail. Submitted 13 Mar 48.

PA 48/49719

YEROSHEUSKIY, M. I.

STRAMENTOV, A. YE. - D-r tekhn. nauk. prof. i YEROSHEUSKIY, M. I. Inzh. i
VELIKOUSKIY, K. I. - Kand. tekhn. nauk i YAKSHIN, A. M. - Kand. tekhn. nauk i
POLIVANOV, N. I. - Kand. tekhn. nauk

Akademiya Kommunal'nogo khozyaystva Im. K. D. Pamyatnikova

Problema primeneniya ulits dlya skorostnogo dvizheniya massovogo transporta v
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**STRAMINTOV, A.Ye., Professor, doktor tekhnicheskikh nauk;
M.I., kandidat tekhnicheskikh nauk.**

YEROSHINSKIY,
YEROSHINSKIY, A.I.

**Community shopping and service centers (service blocks). Gor.
khoz.Mosk. 30 no.4:6-10 Ap '56. (MLRA 9:8)
(Shopping centers)**

YEROSHEVSKIY, T. I.

GORSKAIA, L. I., EROSHEVSKII, T. I.

Penicillin therapy in diseases of the cornea and vascular tract.
Vest. oft. 29:6, Nov.-Dec. 50. p. 6-10

L. Of the Eye Clinic (Director -- Prof. T. I. Yeroshevskiy),
Stalingrad Medical Institute.

GLML 20, 3, March 1951 :

YEROSHEVSKIY, T. I. (Prof.), SHISHKIN, P. A.

Ophthalmology

Ophthalmologic aid at the great communist construction projects; Kuybyshev
Hydroelectric Power Station. Vest. oft. 31 no. 3, '52.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

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Clinical aspect and pathogenic therapy of bronchial asthma. Terap.arkh. 25
no.3:63-67 My-Je '53. (MIRA 6:9)

1. Kafedra diagnostiki, chastnoy patologii i terapii vnutrennikh bolezney
Knybyshevskogo meditsinskogo instituta. (Asthma)

SIDOROVA, Ye.V. (Knybyshev); YEROSHEVSKIY, T.I., professor, direktor.

Result of sleep therapy of peptic ulcer. Klin.med. 31 no.9:89 S '53.
(MLRA 6:11)

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1. EROSHEVSKIY, T. I.
2. USSR (600)
4. Transplantation (Physiology)
7. Remarks on S. P. Petrunya's work "On the displacement of a transplant in partial penetrating keratoplasty." Vest. oft., 32, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

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Method of examining eyes affected by glaucoma under treatment with miotics.
Vest. oft. 32 no.2:16-21 Mr-Ap '53. (MLRA 6:5)

1. ^{Eye} Glaznaya klinika Kuybyshevskogo meditsinskogo instituta.
(Glaucoma) (Eye--Examination)

YEROSHEVSKIY, T.I., professor, zaveduyushchiy; SHISHKIN, P.A., kandidat meditsin-
skikh nauk.

Results of work of ophthalmologic interns and of 5th year students in a
rural center. Vest.oft. 32 no.3:15-17 My-Je '53. (MLBA 6:8)

than eye diseases
1. Kafedra glaznykh bolezney Kuybyshevskogo meditsinskogo instituta.
(Ophthalmology)

YEROSHCHIKOV, I.I.

Certain problems of optic transplantation of the retina. Vest. oft.,
Moskva 32 no.4:33-38 July-Aug. 1951. (CINL 25:1)

1. Professor, Head of the Department of Eye Diseases of Kuzbyshev
Medical Institute.

ROKITSKAYA, L.V.; YEROSHEVSKIY, T.I., professor, direktor.

Calcium iontophoresis in retinal edema. Vest. oft. 32 no. 5:20-24 S-0 '53.
(MIRA 6:10)

1. Glasnaya klinika Knybyshevskogo meditsinskogo instituta.
(Retina--Diseases) (Calcium--Therapeutic use) (Cataphoresis)

YEROSHEVSKIY, T. I.

Yeroshevskiy, T. I., Kubyshv

"Notes on Corneal Transplants," An abstract of his paper presented at the XVII International Congress of Ophthalmology, 1954, follows:

Thanks to the work of Academician Filatov and his disciples, corneal transplantation has been used to combat the social problem of blindness. Soviet ophthalmologists have played a leading role in this problem.

In the past 20 Years over 440 papers on this question have been published in the Soviet Union. To help in this work, the Soviet Government has established 10 scientific research institutes.

One hundred eighty ophthalmologists have performed over 7,500 operations for corneal transplantation. This figure exceeds the number performed by ophthalmologists in all the other countries of the world in the last 130 years.

By using the corneas of the dead (preserved under refrigeration), as recommended by Filatov, great progress has been made.

Proper classification of blind eyes helps to decide which cases will respond favorably to corneal transplantation. Clinical data show that good results are obtained in 50 per cent to 60 per cent of blind eyes which were considered unfit for corneal transplantation. In cases considered to be favorable for

1 of 2 cards

YEROSHEVSKIY, T. I.

"Notes on Corneal Transplants," (Continued)

this procedure, good results reach as high as 75 per cent to 90 per cent of them.

Dr. Puchkovskaya's new method of subtotal transplantation makes it possible to restore vision in staphylomatous and other blind eyes which formerly were considered to be incurable.

Our researches have shown that the changes which occur in transplantation are due to the loss of neural connections. The re-establishment of neural connections in a new organism is very difficult and complicated.

The opacification of the transplanted cornea is probably due to neurotrophic disorders.

It is the trophic changes in the cornea which in the long run determine the biologic results of the operation.

SO.: XVII International Congress of Ophthalmology, Abstracts of Scientific Papers, Montreal, Canada, Sept 10, 11, and New York, Sept 13-17, 1954, Unclas.

YEROSHINSKIY, P.I., professor.

Subtotal transplantation of the cornea. Vest. oft. 33 no. 1:17-20 Ja-F '54.
(MIRA 7:1)

1. Direktor glasnoy kliniki Kaybyshevskogo meditsinskogo instituta.
(Cornea--Transplantation)

YEROSHINSKIY, T.I., professor

Displacement of the graft following partial open corneal trans-
plantation. Vest. oft. 33 no.5:45-47 S-O '54. (MIRA 7:10)

1. Direktor glaznoy kliniki Kuybyshevskogo meditsinskogo instituta.
(CORNEAL TRANSPLANTATION, complications,
displacement of graft)

YEROSHEVSKIY, T.I.

YEROSHEVSKIY, T.I., professor; TIKHOMIROV, P.Ye., professor.

Seventeenth International Ophthalmological Congress. Vest. oft.
34 no. 4: 42-46 J1-Ag '55. (MLA 8:10)

(OPHTHALMOLOGY,
cong.)

ROKHLIN, L.L., prof. (Kuibyshev), otv.red.; **BANSHCHIKOV, V.M.,** prof. (Moskva), red.; **VORONOV, D.A.,** red.; **YEROSHINSKIY, T.I.,** prof., red.; **ILOTCHENOV, A.I.,** prof. (Kuibyshev); **CHERNOUSOV, M.F.,** tekhn.red.; **BELOTSERKOVSKIY, N.I.,** tekhn.red.

[Current problems in neuropathology and psychiatry] Aktual'nye problemy nevropatologii i psikhatrii. Trudy. Kuibyshev, 1957. 566 p. (Gosudarstvennyi nauchno-issledovatel'skii institut psikhatrii MZ RSFSR. Trudy, vol. 16; Kuibyshevskii gosudarstvennyi meditsinskii institut. Trudy, vol.9).

(MIRA 13:12)

1. Meshoblastnoye soveshchaniye nevropatologov i psikhiatrov Povolzh'ya i primykayushchikh oblastey, 1956.

(NERVOUS SYSTEM--DISEASES)

(PSYCHIATRY)

YEROSHEVSKIY, T.I.

YEROSHEVSKIY, T.I., professor

Drug therapy and surgery in glaucoma; review of foreign literature.
Vest.oft. 70 no.4:7-23 J1-Ag '57. (MIRA 10:10)

1. Glasnaya klinika (sav. - prof. T.I.Yeroshevskiy) Kuybyshevskogo
meditsinskogo institute.

(GLAUCOMA, ther.
drug ther. & surg., review)

YEROSHINSKI, T.I., prof.; STUKALOV, S.Ye., aspirant; GUR'YANOVA, N.A.,
ordinator; VINNIKOVA, Ya.Ya., ordinator

Use of tissue therapy in certain eye diseases. Opt.khur. 13
no.3:482-486 '58. (MIRA 12:2)

(TISSUE EXTRACTS)

(EYE--DISEASES AND DEFECTS)

YEROSHEVSKIY, T.I., prof. (Kuybyshev), MUSAHEYLI, U.S., prof. (Baku)

First Afro-Asiatic Congress of Ophthalmologists, Cairo, March 1958.
Vest.oft. 71 no.4:51-60 Ji-Ag '58 (MIRA 11:8)
(CAIRO--OPHTHALMOLOGY--CONGRESSES)

YEROSHEVSKII, T.I., prof.

Geniotomy in congenital infant and juvenile glaucomas. Vest. oft.
72 no.29-35 N-D '59. (MIRA 13:5)

1. Glasnaya klinika Kuybyshevskogo meditsinskogo-instituta.
(GLAUCOMA surg.)

EROSHEVSKIY, T.I., professor

"Cicatricial xerosis of the eye" by V.E.Shevalev. Reviewed by T.I.
Eroshevskii. Oft. zhur. 15 no.5:309-311 '60. (MIRA 13:9)
(EYE DISEASES AND DEFECTS) (SHEVALEV, V.E.)

PUCHKOVSKAYA, N.A., prof.; ~~YEROSHEVSKIY, T.I.,~~ prof.; BARKHASH, S.A.,
starshiy nauchnyy sotrudnik; VOYNO-YASENETSKIY, V.V., starshiy
nauchnyy sotrudnik

International European Symposium on Corneal Transplantation.
Oft. zhur. 16 no.2:109-119 '61. (MIRA 14:3)
(CORNEA—TRANSPLANTATION—CONGRESSES)

YEROSHEVSKIY, T.I., prof.

Further observations on surgical treatment of congenital glaucoma
in children. Oft. zhur. 16 no.3:131-134 '61. (MIRA 14:5)

1. Iz kafedry glaznykh bolezney (zav. - prof. T.I. Yeroshavshiy)
Kuybyshevskogo meditsinskogo instituta.
(GLAUCOMA)

YEROSHEVSKIY, T.I., prof.; STEGUNIN, S.I., assistant

Kuybyshev Medical Institute during the years of Soviet power. Trudy
Kuib.med.inst. 11:3-12 '60. (MIRA 15:8)

1. Kafedra organizatsii zdravookhraneniya i istorii meditsiny
Kuybyshevskogo meditsinskogo instituta (for Stegunin).
(KUYBYSHEV--MEDICAL COLLEGES)

YEROSHEVSKIY, T.I., prof.

"Leprosy of the eye" by H.M. Pavlov. Reviewed by T.I.
Eroshevskii. Vest. oft. 76 no.3:92-94 My-Je '63.
(MIRA 17:2)

YEROSHEVSKIY, T.I., prof.

Achievements in the field of corneal transplantation. Vest.oft.
70 no.6:3-11 N-D '57. (MIRA 11:1)

1. Kafedra glaznykh bolezney Kyubyshevskogo meditsinskogo instituta.
(CORNEAL TRANSPLANTATION
review)

YEROSHIN, D.

At the Central Financial Courses. Fin. SSSR 20 no. 5:68 My '59.
(MIRA 12:10)

1. Direktor Tsentral'nykh finansovykh kursov Ministerstva finansov
RSFSR.

(Leningrad--Finance--Study and teaching)

YEROSHIN, G. V., Cand Tech Sci -- (diss) "Certain problems of the theory of low power direct current motors for airplane mechanisms." Kazan', 1957, 12 pp (Kazan' Aviation Institute) 100 copies (KL, 36-57, 105)

YEROSHIN, Gennadiy Vasil'yevich, kand.tekhn.nauk, ispolnyasyushchiy
obyazannosti dotsenta

Dependence of the magnitude of the magnetomotive force of the
commutation reaction of the armature on the relative width of
the brush. Izv. vys. ucheb. zav.; elektromekh. 6 no.3:362-368
'63. (MIR 16:5)

1. Kafedra elektrotekhniki i elektricheskikh mashin Kazanskogo
aviatsionnogo instituta.

(Electric machinery)

L 14255-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003908

SOURCE CODE: UR/2865/65/004/000/0683/0686

51
48

AUTHOR: Tarakov, I. A.; Gimel'son, I. I.; Sid'ko, F. Ya.; Belyanin, V. N.;
Kovrov, B. G.; Yeroshin, I. S.; Batov, V. A.

ORG: none

2

TITLE: Dense continuous cultivation of Chlorella under various illumination conditions

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 683-686

TOPIC TAGS: Chlorella, photosynthesis, biosynthesis, plant growth, light absorption, light biologic effect

ABSTRACT: Experiments were performed with a thermophilic strain of Chlorella vulgaris in order to determine optimal lighting conditions for high concentrations of cells during intensive, continuous cultivation. Concentrations of 2×10^9 , 3×10^9 , and 4×10^9 cells per cc were used. This is equivalent to 20, 30, and 40 g of the dry biomass per liter of suspension. The algae

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L 11255-66

ACC NR: AT6003903

3

were cultivated in a flat culture vessel with a working capacity of 1.4 liters, a dark capacity of 0.25 liters, and a total working surface of 0.6 m². During the course of the experiment the temperature was held at 36.5 ± 0.7 °C, the pH was 7.35 ± 0.4, and the thickness of the layer was 5 mm. Air containing 5% CO₂ was bubbled through the culture medium.

Previous experiments had determined that in a culture containing 30 g of dry weight of biomass per liter, an optical path 0.5 mm long through the suspension absorbed about 90% of all photosynthetically active white-light radiation. This meant that bubbling played an important role in creating consecutive light and dark phases for each cell. The mm-thick layer of culture was equally illuminated from both sides by gas-discharge lamps (DRL-1000 and ND-2) which produced favorable illumination for photosynthesis. In the experiments, 6 levels of illumination intensity were used, ranging from 0.260 up to 1.202 cal/cm²/min. As a rule the light intensity was changed from minimum to maximum and then back to minimum. The duration of such a cycle was usually 4 to 5 hours. Deviations from the selected level of intensity did not exceed ± 4%. The duration of the experiments was 6 days.

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ACC NR: AT6003908

The effect of various intensities of illumination on the growth of the algae was based on the increase in the weight of the biomass expressed in grams of dry substance per liter of suspension per diem. In all cases the intensity of production tended to increase with the intensity of illumination up to a certain point. After that, additional increases in illumination failed to bring about additional increases in productivity. The leveling-off point was reached at different light intensities, ranging from 0.361 cal/cm²/min for low-density cultures (20 g/liter) to 0.791 cal/cm²/min for high-density cultures (43 g/liter). It is interesting to note that the productivity for different densities was also most identical: ranging from 36--38 g of dry weight per liter of suspension per diem.

The almost identical maximum productivity of the various cultures may be explained by the fact that high concentrations of cells make the medium optically very dense. When the thickness of the culture layer is fixed, the average level of illumination of the cells becomes a function of surface illumination and culture density. The light falling on the cells, along with the productivity of individual cells, drops rapidly as culture density increases. It was found that the intensity of biosynthesis of cells at 20 g/liter is nearly

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L 14255-66

ACC NR: AT6003903

three times as great as that of cells at 43 g/liter. Consequently, the total productivity of high-density cultures at high illumination can be increased only by increasing the surface area accepting the light. Orig. art. has 2 figures.

[ATD PRESS: 4091-E]

SUBJ CODE: 06 / SUBM DATE: none

FW
Card 4/4

YEROSHIN, MIKHAIL MIKHAYLOVICH

BELEN'KIY, Aleksandr Davydovich; BOGDANOV, Ivan Danilovich; ~~YEROSHIN,~~
~~Mikhail Mikhailovich;~~ MARTYHENKO, Roman Dmitriyevich; ~~EL'KHATULIN,~~
M.D., inzhener, redaktor; VERINA, G.P., tekhnicheskii redaktor

[Eliminating defects in locomotives] Ustranenie neispravnostei
teplovoza. Moskva, Gos.transp.shel-dor.isd-vo, 1957. 102 p.
(MIRA 10:9)

(Locomotives--maintenance and repair)

BELEN'KIY, Aleksandr Davydovich; BOGDANOV, Ivan Danilovich; YKROSHIN,
Mikhail Mikhaylovich; MARTYSENKO, Roman Dmitriyevich;
BAKHMATULIN, M.D., Inzh., red.; BOBROVA, Ye.M., tekhn.red.

[Eliminating malfunctions in diesel locomotives] Ustranenie
nespravnostei teplovoza. Izd.2., ispr. i dop. Moskva,
Gos.transp.shel-dor.isd-vo, 1959. 156 p. (MIRA 13:1)
(Diesel locomotives--Handbooks, manuals, etc.)

L 9870-63 EWA(h)/EWT(1)/EBS--AFFTC/ASD/ASD-3--EF(C)
ACCESSION NR: AP3001356 01/0048/43/027/006/0787/0780
AUTHOR: Sid'ko, F. Ya.; Yeroshin, N. S. 58
57
Report of the
concerning the luminescence of chlorophyll solutions [15 September 1964]

Eleventh Conference on Luminescence

SOURCE: AN BSCR. Izv. Seriya Fizicheskaya, v. 27, no. 6, 1963, 787-790

TOPIC TAGS: chlorophyll luminescence, chlorophyll molecular association, chlorella

ABSTRACT: The optical properties of chlorophyll in plant cells, chloroplasts differ from the properties in solutions. In the present work the absorption and fluorescence spectra of chlorophyll in alcohol-water solutions were investigated

spectrophotometer USELIX. BPC...

Card 1/2

L 9870-63
ACCESSION NR: AP3001356

the scattered light. The optical thickness of the layer was made sufficient for complete absorption of the exciting light. Measurements were made with suspensions of Chlorella and alcohol-water solutions of chlorophyll extracted

ASSOCIATION: Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR (Institute
of Physics, Siberian Division, Academy of Sciences, USSR)

SUBMITTED: 00

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: PH, CH

NR REF SOV: 005

OTHER: 001

ja/eh

Card 2/2

YEROSHIN, V., inzh.

Diesel locomotives. Tekh.mol. 29 no.11:37 '61. (MIRA 1A:11)

1. Chlen literaturnogo ob'yedineniya zhurnala "Tekhnika
molodshi".

(Diesel locomotives)

YEROSHIN, V.A.

Entry of a cone into a liquid layer. Vest. Mosk. un. Ser.1: Mat.,
mekh. 18 no.5:53-59 S-0 '63. (MIRA 16:10)

1. Moskovskiy gosudarstvennyy universitet, kafedra volnovoy i
gazovoy dinamiki.

ACCESSION NR: AP4026419

s/0055/64/000/002/001/0048

AUTHORS: Yeroshin, V. A.; Poruchikov, V. B.

TITLE: Motion of a cone in a fluid of finite depth

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 2, 1964, 41-48

TOPIC TAGS: motion of a cone, finite depth fluid, incompressible fluid, free surface, vertical penetration, Laplace equation, oscillating fluid

ABSTRACT: The authors investigate the motion of a cone in a liquid of finite depth toward its free surface; in particular, they treat the cases of motion of a cone in an oscillating liquid and vertical penetration of a cone into a liquid of depth h . The cone moves under the effect of a force F_0 with initial velocity V_0 .

In each case the problem is reduced to consideration of the three-dimensional Laplace equation subject to certain boundary conditions. In the case of vertical penetration, the force for which the cone will move with constant velocity V_0 is found. Orig. art. has: 16 formulas and 3 figures.

Cover 1/2

Chair of Wave & Gas Dynamics

ACCESSION NR: AP4039014

S/0055/64/000/003/0066/0069

AUTHOR: Yeroshin, V. A.

TITLE: Motion of a thin body in fluid of variable depth

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 3, 1964, 66-69

TOPIC TAGS: thin body, variable-depth fluid, free surface, sloped bottom, Laplace equation, potential velocity

ABSTRACT: The author studies the problem of motion of a thin body of revolution in a tank of incompressible fluid whose bottom forms an angle with the free surface, and arrives at Laplace's equation subject to

$$\begin{aligned}
 \varphi &= 0 & \text{for } z=0, \\
 \frac{\partial \varphi}{\partial z} &= 0 & \text{for } z=h(r_0-z), \\
 \frac{\partial \varphi}{\partial n} &= -V_n & \text{on } \sigma,
 \end{aligned}
 \tag{1}$$

where V_n is the projection on the normal of the velocity of points of the surface of

Card 1/2

ACCESSION NR: AP4039014

the body, σ is the wet part of the surface of the body, and $z = k(r_0 - x)$ is the bottom of the tank. He seeks the solution of the Laplace's equation, subject to (1), in the form of a potential of a simple layer:

$$\varphi(x, y, z, t) = -\frac{1}{4\pi} \iint_S \frac{q(\xi, \eta, \zeta, t) dS}{\sqrt{(\xi-x)^2 + (\eta-y)^2 + (\zeta-z)^2}} \quad (2)$$

and reduces the problem to motion of a body in a half-space with a free surface. The potential of velocity of perturbed motion of fluid in a tank whose bottom forms an angle with the free surface of $\pi/2n$ is expressed in the form of a sum of $2n$ potentials. The author investigates the case of penetration of a narrow cone with angle of opening 2α into a fluid perpendicular to the free surface at a distance h from the plane vertical wall. From his derived formulas he finds the size of the force of resistance, as $h \rightarrow \infty$, for penetration of a cone into a half-space with a free surface. Orig. art. has: 10 formulas and 2 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet; Kafedra volnovoy i gazovoy dinamiki (Moscow State University, Department of Wave and Gas Dynamics)

SUBMITTED: 07Oct63

SUB CODE: ME

Card 2/2

DATE ACQ: 09Jun64

NO REF SOV: 002

ENCL: 00

OTHER: 000

L 00727-66

PS-2/LWT(1)/EWP(2)/SMA(3)/EWA/SEED(4)/PDA(5)/Z(6)/S(7)/M(8)/H(9)

ACCESSION NR: AT5013291

UR/3043/65/001/004/0221/0231

AUTHOR: Yeroshin, V. A., Starova, Ye. N.

52
117
611

TITLE: Unidimensional nonstationary real gas flow

SOURCE: Moscow. Universitet. Vychislitel'nyy tsentr. Sbornik rabot, no. 4, 1965. Chislennyye metody v gazovoy dinamike (Numerical methods in gas dynamics), 221-231

TOPIC TAGS: interior ballistics, equilibrium flow, real gas, gas flow, flow analysis, nonsteady flow

ABSTRACT: The attainment of high projection velocities of ballistic projectiles is connected with the generation of flow zones of high-temperature (2000-6000K) and high-pressure (5000-10,000 atm) gases. Under such circumstances the gas differs markedly from the ideal case because of dissociation, ionization, and mixture component interaction. The present paper investigates the influence of equilibrium dissociation on the real gas flow through tubes, using air as the example. The related thermodynamic functions (internal energy, molecular weight, heat capacity) depend on temperature.

I. 00727-66

ACCESSION NR: AT5013291

3

ASSOCIATION: Vychislitel'nyy tsentr, Moskovskiy universitet (Computer Center, Moscow University)

SUBMITTED: 00

ENCL: 00

SUB CODE: MA, ME

NO REF SOV: 004

OTHER: 000

SW

Card 2/2

BAYCHIKOV, A.G.; BARMENKOV, A.S.; YEROSHIN, V.K.

Biosynthesis of steroids by microorganisms. Med.prom. 13
no.6:15-31 Je '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut imeni S.Ordshonikidze.
(STEROIDS)

BARBENKOV, A.S.; ~~GEROSHIN, V.K.~~

Intensification of the microbiological process of obtaining
11 α -oxypregesterone. Med. prom. 13 no.7:51-52 J1 '59.

(MIRA 12:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevtiche-
skiy Institut imeni S.Ordshonikidze.

(PREGESTERONE)

YEROSHIN, V.K.

Microbes and hormones. *Priveda* no.6:90-92 J. '64.
(MIRA 13:6)

1. Institut mikrobiologii AN SSSR, Moskva.
(Steroids) (Micro-organisms)

BARMENKOV, A.S.; YEROSHIN, V.K.

Method of controlling the process of hydroxylation of progesterone in 11a-oxyprogesterone. Med.prom. 14 no.4:40-41 Ap '60.

(MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordshonikidze.

(PROGESTERONE)

YEROSHIN, V.K.

Steroid hormones. Priroda 50 no. 3:37-38 Mr '61. (MXRA 14:2)

1. Institut mikrobiologii AN SSSR, Moskva.
(Adrenocortical hormones)

YEROSHIN, V.K.; KRASIL'NIKOV, N.A.

Selective microbiological oxidation of the 11-oxy group of hydrocortisone. Dokl. AN SSSR 137 no.4:968-969 Ap '61.

1. Chlen-korrespondent AN SSSR (for Krasil'nikov).
(CORTISONE) (FUNGI—INDUSTRIAL APPLICATIONS),

YEROSHIN, V.K.; KRASIL'NIKOV, N.A.

Selective microbiological oxidation of all the 11-oxy group
of hydrocortisone. Dokl. AN SSSR 137 no.4:968-969 Ap '61.
(MIRA 14:3)

1. Chlen-korrespondent AN SSSR (for Krasil'nikov).
(CORTISONE) (FUNGI---INDUSTRIAL APPLICATIONS)

BARMENKOV, A.S.; FEDOTOVA, M.V.; YEROSHIN, V.K.; GUSAKOVA, Ye.G.; OGAREVA,
O.B.

Improved method for producing 11- α -hydroxyprogesterone. Med. prom.
15 no.3:39-40 Mr '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(PROGESTERONE)

YEROSHIN, V.K.

Session of the Scientific Coordination Council, Mikrobiologia
32 no.4:739 J1-Ag '63. (MIRA 17:6)

YEROSHIN, V.K.

Capacity of the Micorales fungi to oxidize sterolil S. Mikrobiologiya
31 no.4:608-615 J1-Ag '62. (MIRA 18:3)

1. Institut mikrobiologii AN SSSR i Biologo-pochvennyi fakul'tet
Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

KOSHCHHEYENKO, K.A.; SKRYABIN, G.K.; YEROSHIN, V.K.; KOGAN, L.M.; TORGOV, I.V.

Hydrolysis of complex steroid esters with the help of *Mucor*
fungi. Prikl. biokhim. i mikrobiol. 1 no.2:181-185 Mr-Ap
'65. (MIRA 18:11)

1. Institut mikrobiologii AN SSSR i Institut khimii prirodnykh
soyedineniy AN SSSR.

YEROSHIN, V.K.; PERTSOVSIAYA, A.F.; SKRYABIN, G.K.

Growth of Mucorales fungi on paraffin. Mikrobiologiya 34
no.5:883-887 S-O '65. (MIRA 12:13)

1. Institut biokhimi i fiziologii mikroorganizmov AN SSSR.

L 03712-67 EWT(1) JK

ACC NR: AP6033914

SOURCE CODE: UR/0220/66/035/005/0920/0922

AUTHOR: Iyerusalimskiy, N. D.; Yeroshin, V. K.

19
8

ORG: none

TITLE: Report of the symposium on microbial physiology and noncontinuous culture methods

SOURCE: Mikrobiologiya, v. 35, no. 5, 1966, 920-922

TOPIC TAGS: biologic conference, microbiology, microbe physiology, laboratory method, biologic metabolism

ABSTRACT: An international symposium on microbial physiology and non-continuous culture methods was held in Porton, England from 28 March to 1 April 1966. Fourteen participants including N. D. Iyerusalimskiy and V. K. Yeroshin from the SSSR were present. Subjects discussed included factors limiting growth under culture conditions, utilization of carbon sources, and respiration and metabolism in vitro. [W.A. 50]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 not

YEROSHINA, A.M., zaslužhenny vrach BSSR

Organization of tuberculosis control. Zdrav. Dal. 7 no. 4:24-27
Ap '61. (MIRA 14:4)

1. Glavny vrach Lidskogo protivotuberkuleznogo dispansera.
(LIDA--TUBERCULOSIS--PREVENTION)

YEROSHEVICH, M.Ya.; STERKIN, I.V., redaktor; FISHEVSKIY, I.O., tekhnicheskij redaktor.

[Foreign visitors at the U.S.S.R. Agricultural Exhibition, 1954-1956]
Inostrannye gosti na Vsesoiuznoi Sel'skokhoziaistvennoi Vystavke,
1954-1956. Moskva, Izd-vo M-va sel'khoz. SSSR, 1957. 116 p.
(MIRA 10:11)

(Moscow--Agricultural exhibitions)

YEROSHKEVICH, Nikolay Georgiyevich

[Development of industry in the Soviet Altai] Razvitie pro-
myshlennosti Sovetskogo Altaia. Barnaul, Altaiskoe knizhnoe
izd-vo, 1958. 119 p. (MIRA 15:10)
(Altai Territory--Industries)

~~YEROSHEIM, I.T., inzhener.~~

Independent power take-off shaft. Sel'khoz mashina no.8:29-30 Ag '57.
(MLRA 10:8)

1. Kubanskiy Nauchno-issledovatel'skiy institut ispytaniya
traktorov i sel'skokhozyaystvennykh mashin.
(Tractors)

YEROSHKIN, A.F.

Paleomagnetic investigations of the standard Daryaz cross section
of Neogene molasse formations. Nauch. trudy TashGU no.256 Geol.
nauki no.22:76-77 '64. (MIRA 18:2)

YEROSHKIN, A.I., aspirant

**Investigating temperature conditions in high-speed heavily
loaded antifriction bearings. Izv.vys.ucheb.zav.; mashinostr.
no.5:65-72 '58. (MIRA 12:5)**

**1. Moskovskiy vecherniy mashinostroitel'nyy institut.
(Bearings (Machinery)--Testing)**

YEROSHKIN, A. I., Cand Tech Sci -- (diss) "Research into the characteristics of high-speed heavily loaded bearings with rolling motion." Moscow, 1960. 22 pp with charts; (Inst im P. I. Baranov); price not given; number of copies not given; (KL, 17-60, 154)

MODIN, Nikolay Alekseyevich; YEROSHKIN, Aleksandr Nikolayevich;
MEL'NIKOV, Aleksandr Vasil'yevich; GUDTSEV, Richard Ivanovich;
GOLUBEVA, T.M., red.; FREGER, D.P., red.izd-va; BELOGUROVA, I.A.,
tekh. red.

[Equipment of small briquet plants for the briquetting of chipped
wood waste] Oborudovanie malogabaritnykh briketnykh stantsii dlia
briketirovaniia izmel'chennykh otkhodov drevesiny. Leningrad,
1961. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy.
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