

ALEKSEYEV, N.A., otv. za vypusk; DONSKAYA, G.D., tekhn.red.

[Norms for the consumption of materials and tools for the maintenance and repair of motor vehicles in automobile repair shops and automotive transportation units] Normy raskhoda materialov i instrumentov na tekhnicheskoe obsluzhivanie i remont avtomobilei dlia avtoremontnykh predpriatii i avtomobil'nykh khoziaistv. Moskva, Avtotransizdat, 1960. 70 p.

(MIRA 13:6)

1. Russia (1917- R.S.F.S.R.) Ministerstvo avtomobil'nogo transporta i shosseynykh dorog. Tsentral'naya normativno-issledovatel'skaya stantsiya.

(Motor vehicles--Maintenance and repair)

KUZNETSOV, Ye.; ALEKSEYEV, N.

The TO-1 standard maintenance line for motor vehicles. Avt. transp.  
43 no.3:15-17 Mr '65. (MIRA 18:5)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut avtomobil'nogo  
transporta.

ALEKSEYEV, N.; KRASNOBAYEV, I.; STEFANOV, A.

Sodium silicate as a disinfectant of premises for housing  
cattle before slaughter. Mias. ind. SSSR 31 no.4:49 '60.  
(MIRA 14:7)

(Sodium silicate)

(Slaughtering and slaughterhouses--Disinfection)

ALEKSEYEV, N.A., inzh.

Skis made of wood boards and plywood. Der. prom. 8 no.7:22 J1  
'59. (MIRA 12:8)

1.Sortaval'skiy mebel'no-lyzhnyy kombinat.  
(Skis and skiing)

А-200707/110

117-58-7-9/25

**AUTHORS:** Brovermann, M.V., Fayershtern, N.D., Levin, S.M., Engineers and Alekseyev, N.A.

**TITLE:** Simplification and Improvement of Factory Records  
(Sokrashcheniye i sovershenstvovaniye vnutrizavodskoy dckumen-tatsii).

**PERIODICAL:** Mashinostroitel', 1958, Nr 7, pp 25-29 (USSR)

**ABSTRACT:** The article deals with the principles and practical results of an internal documentation reform carried out by a team in the Nevskiy zavod imeni Lenina (Nevskiy Plant imeni Lenin) producing steam and gas turbines, air blowers and other machines by small lots or single units. The reform included the technical, as well as other documents, or documentation systems within the plant (planning, procurement, administration, accounting, etc.). One example of the reform is the "personnel account sheet" for single workers or teams, shown in p 27, introduced into all the plant's shops despite the different operations; it has replaced 15 different work-record sheets used before. The reform reduced by 17% the total number of document forms and by 400,000 pieces

Card 1/2

Abridgement and Improvement of Factory Documentation

117-58-7-9/25

the yearly quantity of various documents, which corresponds to a yearly economy of 116,000 man-hours. Further reform of registering and accounting documents will additionally reduce the number of documents by about 650,000 pieces per year. The "Machine-Accounting Station" of the plant has three sets of analytic tabulating machines "T4-MI", and a staff of 21. It processes 200,000 perforated cards yearly. It is planned to increase the station and its work-scope to free designers and technologists from setting up materials and work "norms", material specifications for separate workpieces, summary material specifications for the year plan, for quarter plans, etc. There is one figure.

**1. Industrial engineering—Systems**

Card 2/2

ALEKSEYEV, N.A.; BELYAYEV, I.M.; KRAPIVIN, V.F.; MALINOVSKIY, I.I.

[Planning and calculating construction and repair work on local roads]  
Planirovanie i uchet stroitel'nykh i remontnykh rabot na mestnykh  
dorogakh. Moskva, Avtotransizdat, 1953. 250 p. (MLRA 7:5)  
(Road construction) (Roads--Maintenance and repair)

ALEKSEYEV, N.A.; BUZ'KO, M.P.; IPPOLITOV, K.M.; PALKIN, R.I.; SIMONOVICH,  
Ye.Ya.; TARASOVA, V.S.; TITKOVA, M.G.; ALEKSEYEV, N.A., otv. za  
vypusk; GALAKTIONOVA, Ye.N.; tekh.red.; DONSKAYA, G.D., tekh.red.

[Provisional norms for the use of materials and spare parts in  
repairing road machinery and tractors] Vremennye normy rashoda  
materialov i zapasnykh chastei dlia remonta dorozhno-stroitel'nykh  
mashin i traktorov. Moskva, Avtotransizdat, 1960. 380 p.

(MIRA 13:10)

1. Russia (1917- R.S.F.S.R.) Ministerstvo avtomobil'nogo transporta  
i shosseynykh dorog. Tsentral'naya normativno-issledovatel'skaya  
stantsiya.

(Road machinery--Maintenance and repair)

(Tractors--Maintenance and repair)



MURAV'YEV, V.D.; ALEKSEYEV, N.A.

Comparative testing of the ZIL engine with spark and torch  
ignition. Avt.prom. 27 no.11:4-7 N '61. (MIRA 14:10)

1. Moskovskiy avtozavod imeni Likhacheva.  
(Motortrucks--Engines--Testing)

GASENKO, M.I.; ALEKSEYEV, N.A.

Quality of bee honey sold in the markets of Melitopol'. Vop.  
pit. 22 no.3:86 My-Je '63. (MIRA 17:8)

1. Iz Melitopol'skoy gorodskoy sanitarno-epidemiologicheskoy  
stantsii.

ALEKSEYEV, N.A.

Effect of rigid walls on samples of free-flowing substances  
subjected to uniaxial deformation. Nauch.dokl.vys.shkoly;  
fiz.-mat.nauki no.1:94-98 '59. (MIRA 13:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
(Mathematical physics)

ALEKSEYEV, N.A.

Method of determining dynamic characteristics of soils at high pressures. Trudy NIIOGP no.44:96-102 '61. (MIRA 14:8)  
(Soil mechanics) (Deformations (Mechanics))

ALEKSEYEV, N.A.

Determining lateral thrust in single-axle dynamic deformation  
of soil. [Trudy] NII osp. no.51:42-47 '62. (MIRA 16:2)  
(Soil mechanics)

*Study Sci. Res. Inst. of FOUNDATIONS and Underground Construction  
Academy Construction Architecture*

ALEKSEYEV, N.A. (Moskva); RAKHMATULIN, Kh.A. (Moskva); SAGOMONYAN, A.Ya.  
(Moskva)

Fundamental equations of soil dynamics. PMTF no.2:147-150 Mr-Apr  
'63. (MIRA 16:6)  
(Soil mechanics)

RAKHMATULIN, Khalil Akhmetovich; SAGOMONYAN, Artur Yakovlevich;  
ALEKSEYEV, Nikolay Aleksandrovich; DOZORTSEVA, G.I., red.

[Problems in soil dynamics] Voprosy dinamiki gruntov.  
Moskva, Izd-vo Mosk. univ., 1964. 236 p.

(MIRA 18:1)

Subject : USSR/Hydr Eng AID P - 3378  
Card 1/1 Pub. 35 - 9/16  
Authors : Sanarin, A. V. and N. A. Alekseyev, Engs.  
Title : Influence of the dividing pool on the traffic capacity of a lock  
Periodical : Gidr. stroi., 6, 28-31, Je 1955  
Abstract : The building of dividing pools between the lock chambers is strongly criticized. The article gives instances of rafting and ship passages through a lock with a mathematical analysis of the velocity of operation and concludes that locks built without dividing pools have greater efficiency. One diagram.  
Institution : None  
Submitted : No date



MARKOV, P.V., kandidat sel'skokhozyaystvennykh nauk starshiy nauchnyy sotrudnik; DANILOVA, G.V., inzhener; ~~ALEKSEYEV, N.A., inzhener;~~ OZEROV, V.N., redaktor; PERESYPKINA, Z.D., tekhnicheskii redaktor; PEVZNER, V.I., tekhnicheskii redaktor

[Agricultural reclamation work; based on data from the All-Union Agricultural Exhibition] Sel'skokhoziaistvennyye melioratsii; po materialam Vsesoiuznoi sel'skokhoziaistvennoi vystavi. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 511 p. (MLRA 9:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i melioratsii (for Markov)  
(Reclamation of land)

DANILOVA, G.V.; LOYTER, M.N.; ALEKSEYEV, N.A.; KOVALEV, I.I.; DANILOV, A.Ye.;  
SHENDRIKOV, G.L., i.o. glavnogo metodista; ORLOVA, V.P., redaktor;  
PAVLOVA, M.H., tekhnicheskij redaktor

["Water resources management and rural hydroelectric power stations"  
pavilion; a guidebook] Pavil'on "Vodnoe khoziaistvo i sel'skie  
gidroelektrostantsii"; putevoditel'. Moskva, Gos. izd-vo selkhoz.  
lit-ry, 1956. 21 p. (MIRA 9:12)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
2. Direktor pavil'ona (for Danilova)  
(Moscow--Agricultural exhibitions)  
(Water supply, Rural)  
(Hydroelectric power stations)

ALEKSEYEV, N.A.; ASLANOV, A.N.; VASIN, G.D.; VORONINA, Ye.P.; GRIGORENKO, G.P.; GRUSHIN, F.Ye.; DEPARMA, V.N.; DRESVYANNIKOVA, D.P.; DUBINIHA, K.P.; KITAYEV, I.Ye.; KULIKOV, N.N.; MANUKOV, N.P.; MEL'NIKOV, A.I.; REZNOV, I.P.; PESTRYAKOV, A.I., redaktor; PAVLOVA, M.M., tekhnicheskii redaktor; SOKOLOVA, N.N., tekhnicheskii redaktor

[Mechanization and electrification at the All-Union Agricultural Exhibition; 1956 guidebook] Mekhanizatsiia i elektrifikatsiia na Vsesoiuznoi sel'skokhoziaistvennoi vystavke; putevoditel', 1956. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 305 p. (MLRA 10:3)  
(Moscow--Agricultural machinery--Exhibitions)

*АЛЕКСЕЕВ, И. И.*  
AUTHOR: Alekseyev, N.A., Engineer

99-12-5/7

TITLE: Exhibition of Advanced Experiences and Achievements of Hydraulic Engineering at the All-Union Agricultural Fair 1957 (Pokaz perezodovogo opyta i dostizheniy vodnogo khozyaystva na VSKhV 1957 goda)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1957, No 12, pp 39-48 (USSR)

ABSTRACT: The author reports on the progress made in the field of hydraulic engineering as demonstrated on the All-Union Agricultural Fair 1957. He gives a brief account of the various devices used for irrigation, drainage and sprinkling, and of different machines used for mechanization of melioration work and water supply. Specially adapted for the irrigation of small areas is the mobile pumping station "ПНС-Т-2x6НДБ" operated by the tractors "КДМ-35М" and "ДТ-54". The rotary pumps "ПГ-35М" and "ПГ-2x35" are widely used in Central Asia. New automatic water meters "ИМА-В1" and "ИМА-В2" were shown in the pavilion "Hydraulic Engineering". The differential water meter "ВД-50", designed by K.S. Glubshev, and manufactured by the plant "Gidrometpribor" at Riga was also shown. Sprinklers "ДП-30с", ДДА-100М", "КДУ-55", "ДДА-52" and numerous pumps, adapted for lifting water from artesian

Card 1/2

99-12-5/7

Exhibition of Advanced Experiences and Achievements of Hydraulic Engineering  
at the All-Union Agricultural Fair 1957

wells and open bodies of water were displayed. Drainage pipes made of glass were recommended by the planning institute "Rosgi-provodkhoz". In order to meet the varying requirements of earth work, the excavators "Э-801", "Э-153", "Э-302" and the ditch digger "ЭТН-142" were designed and tested under field conditions.

There are 6 photographs.

AVAILABLE: Library of Congress

Card 2/2

ALIKSEYEV, N. A.

Utilizing the water resources of North Caucasian water-supply  
and irrigation systems for domestic and industrial purposes. Vod.  
i san.tekh. no.11:4-7 N '58. (MIRA 11:12)  
(Caucasus, Northern--Water supply)

ALEKSEYEV, N.A., inzh.

Specific norms for capital investment in the construction of irrigation systems under modern conditions. Gidr. i mel. 14 no.9:38-46 S '62. (MIRA 17:2)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut vodokhozyaystvennogo stroitel'stva Ministerstva sel'skogo khozyaystva SSSR.

ALEKSEYEV, N.A., inzh.

Ways for improving the utilization of irrigated lands in the  
Northern Caucasus. Gidr. i mel. 15 no.11:14-22 N '63.  
(MIRA 17:1)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i  
nauchno-issledovatel'skiy institut vodokhozyaystvennogo stroitel'-  
stva Ministerstva sel'skogo khozyaystva SSSR.



ALEKSEYEV, N.A., inzh.

Calculating the expenses for the maintenance and overhaul of structures completed but not yet put into operation.

Gidr. i mel. 16 no.4:60-61 Ap '64.

(MIRA 17:6)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut vodokhozyaystvennogo stroitel'stva Goezemvodkhoa SSSR.

ALEKSEYEV, N.A., inzh.

Pasture water supply by using widely spaced water sources. Gidr.  
i mel. 17 no.6:36-40 Je '65. (MIRA 18:7)

1. Vsesoyuznyy gosudarstvennyy proyektno-izyskatel'skiy i nauchno-  
issledovatel'skiy institut vodokhozyaystvennogo stroitel'stva,  
Moskva.

ALEKSEYEV, N.A.

Thrombocytopoiesis in healthy children. Vop. gemat. v pediatrii.  
no.3:9-15 '64.

Characteristics of thrombocytopoiesis in healthy children and  
in children with some diseases of the blood system. Ibid.:67-78  
(MIRA 18:7)

ALEKSEYEV, N.A., inzh.

System of technical and economic indices for determining the  
economic effectiveness of irrigating pastures. Trudy Giprovod-  
khoza no.25:79-86 '63. (MIRA 18:6)

KALINICH, VA, V.I.; ALEKSEYEV, N.A.

Thrombocytopoiesis in hypoplastic and aplastic anemias in children.  
Vop. gemat. v pediat. no.3:174-181 '64.

(MIRA 18:7)

SOKOLOVA-ARULOVA, K.G.; ALEKSEYEV, N.A.

Problem of antithrombocyte antibodies in leukemia in children.  
Vop. gemat. v pediat. no.3:294-299 '64.

(MIRA 18:7)

POTANIN, N.V.; ALEKSEYEV, N.A.

Thrombocytopoiesis in Schönlein-Henoch disease (hemorrhagic vasculitis) in children. Vop. gemat. v pediat. no.3:357-364 '64.

Hemorrhagic thrombasthenia in children. Ibid.:383-389

(MIRA 18:7)

ALEKSEYEV, N.A.; BEZNOSTKOV, B.O.

Thrombocytic formula in acute leukemia in children. Probl. gemat.  
i perel. krovi 9 no.8:24-27 Ag '64.

(MIRA 18:3)

1. Kafedra gospital'noy pediatrii (zav. - deystvitel'nyy chlen  
AMN SSSR prof. A.F. Tur) Leningradskogo pediatricheskogo meditsin-  
skogo instituta i tsitologicheskaya laboratoriya po izucheniyu  
leykozov (zav. -- prof. V.V. Akkerman) Leningradskogo instituta  
pochivaniya krovi.



**ALEKSEYEV, N.A., polkovnik meditsinskoy sluzhby**

**Nozzle-fitting a flask for rinsing the upper respiratory organs  
and the eyes. Voen.-med. zhur. no.4:78 Ap '56. (MIRA 9:9)  
(MEDICAL INSTRUMENTS AND APPARATUS)**

ALEKSEYEV, N. D.

21820 ALEKSEYEV, N. D. Eksperimental'nykh nepreryvnodeystvuyushchiy  
press (dlya otkhatiya soka iz plodov gretskogo orekha). Trudy  
Krasnodarsk. in-ta pishch. prom-sti, vyp 5, 1949, s. 167-72.

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

*Иркутск, Николай Дмитриевич*

AIKSEYEV, Nikolay Dmitriyevich; MARCHENKO, Taisiya Timofeyevna;  
VOYTKEVICH, S.A., retsenzent; BLIZNYAK, V.V., retsenzent;  
BIRKGAN, Yu.B., spetsredaktor; KHMEL'NITSKAYA, A.Z., red.;  
CHIBYSHOVA, Ye.A., tekhn.red.

[Engineering equipment for the production of essential and synthetic oils, perfums and cosmetics] Tekhnologicheskoe oborudovanie efiro-maslichnogo, sinteticheskogo i parfumerno-kosmeticheskogo proizvodstv. Moskva, Pishchepromizdat, 1957. 379 p. (MIRA 11:2)  
(Perfumes, Synthetic) (Cosmetics)

1. ALEKSEYEV, N. D.
2. USSR (600)
4. Condensers (Steam)
7. Condensation system of cookers, Masl. zhir. prom., 17, No. 5, 1952.

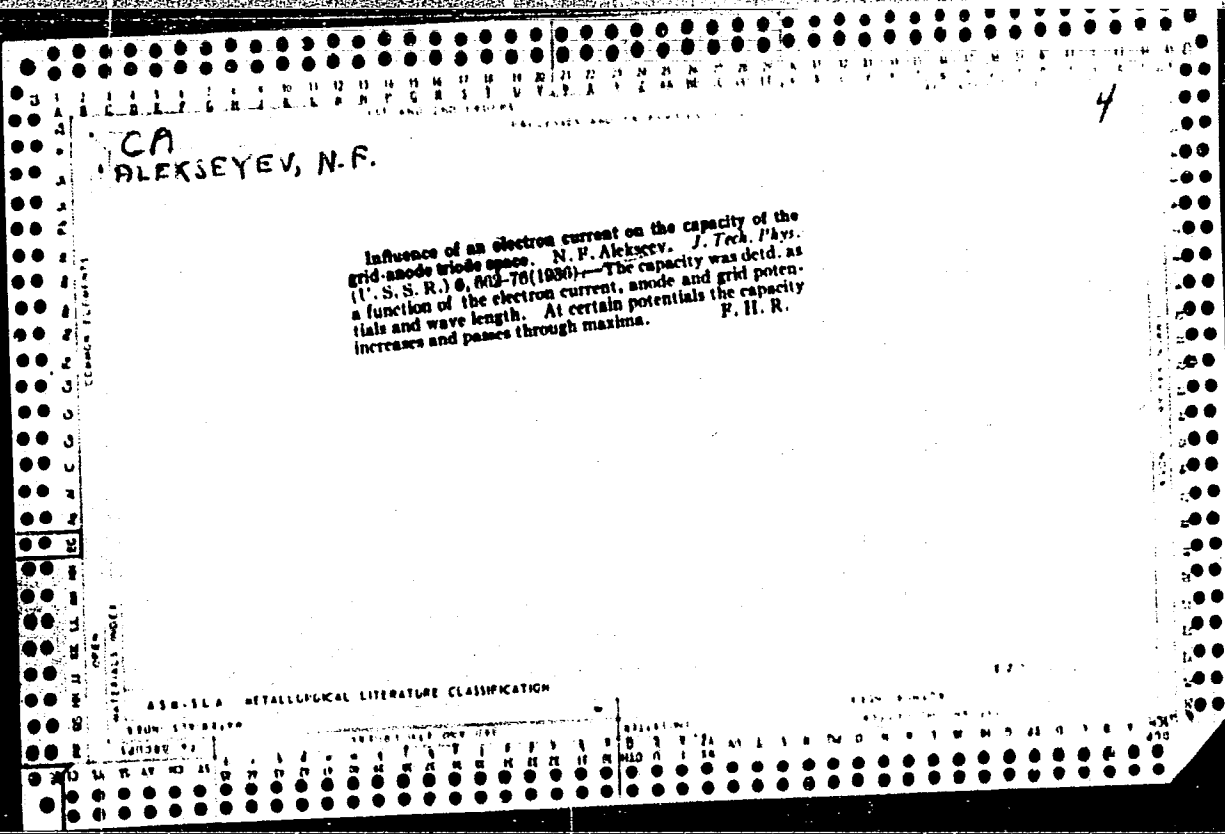
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

PETUKHOV, M.S.; ALEKSEYEV, N.D.; STAPANOV, A.A.

On the road of technological progress. Kozh.-obuv.prom. 5  
no.2:4-6 F '63. (MIRA 16:5)

1. Glavnyy inzh. Leningradskoy fabriki "Proletarskiy trud" (for Petukhov). 2. Nachal'nik planovogo otdela Leningradskoy fabriki "Proletarskiy trud" (for Alekseyev). 3. Nachal'nik tekhnicheskogo otdeleniya Leningradskoy fabriki "Proletarskiy trud" (for Stepanov).

(Industrial organization)



ALEKSEYEV, N. F.

ALEKSEEV, N. F., and D. E. MALIAROV

Poluchenie moshchnykh kolebaniy magnetronom v santimetrovom diapirone voln.  
(Zhurnal tekhnicheskoi fiziki, 1940, v. 10, no.15, p. 1297-1300, table, diags., bibliography)

Title tr.: Generation of high-power oscillations by a magnetron in a cm-wave range.

QC1.Z48 1940

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

ALEKSEEV, N. F., and D. E. MALIAROV.

Generation of high-power oscillations with a magnetron in the centimeter band. (Institute of Radio Engineers. Proceedings, 1944, v. 32, no. 3, p. 136-139, diags., bibliography)

Trans. of Poluchenie moshchnykh kolebani magnetronom v santimentrovom diapazone voln.

TK5700.16 1944

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.



ALBRODIN, N. (ENG. LT. COL.) AND STEL'ANOV, E. (ENG. MAJ.),

"Fundamentals of Radiolocation," (Osnovy Radiolokatsii) published in the  
Air Fleet Herald (Vestnik Vozdushnogo Flota), No. 11, Nov. 52.

Summary D-136806, 14 Dec 54

ALEXSEYEV, N. F.  
~~ALEXSEYEV, N. F.~~

"Study of the Process of Oscillation Stabilization in a Decimeter Wave Band Auto-generator." Min. Higher Education USSR, Moscow Order of Lenin Aviation Institute imeni Sergo Ordzhonikidze, Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis'. No. 22, 1955, pp 93-105

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1310  
AUTHOR ALEXEJEEV, N.F.  
TITLE On the Problem of Determining Oscillations in Autogenerators for  
Waves in the Decimeter Band.  
PERIODICAL Radiotekhnika, 11, fasu. 8, 52-63 (1956)  
Issued: 9 / 1956 reviewed: 9 / 1956

The attempt is made to determine: the point of time of the creation of oscillations in the autogenerator, the value of the initial amplitude of self-oscillation, noises in the autogenerator until oscillations begin, as well as the possibility of diminishing the average delay of the high frequency impulse and of reducing the "scattering" of delays. In autogenerators the process for the determination of oscillations can be represented by four stages. In the first two stages super-high-frequency nonstationary processes are rendered more difficult by large angles of the passage of electrons, because voltages at tube electrodes are low. In this case the excitation of the oscillation does not occur at the end of the first stage, but only after the angles of the passage of electrons have adjusted themselves, and this takes place in accordance with the phase equilibrium in the autogenerator. The increase of the working frequency of the autogenerator (in the case of a constant steepness of front of the feeding impulse) leads to the initial conditions of self-oscillation being determined mainly by the noises of the partial effect beginning from a certain frequency onwards. Theoretical- and test data are in agreement: The initial amplitude of self-oscillations is determined by pre-oscillation noises of the

ALFSEYEV, N.F. (Leningrad)

Automating information services at the U.S. Defense  
Documentation Center for Scientific and Technical Information.  
NTI no.2:55-62 '64. (MIRA 17:6)

LEONT'YEV, I.I.; ALEKSEYEV, N.F., retsentsent; ZHULIN, A.P., inzhener,  
redakter; SEMENOVA, N.L., redakter; KISINA, Ye.I., tekhnicheskii  
redakter.

[Guide to the processing of hides] Rukovodstvo po obrabotke  
kozhevennogo syr'ia. Pereizdanie. Moskva, Pishchepremizdat, 1955.  
188 p. (Hides and skins) (MLRA 9:5)

ALEKSEYEV, N[F]

Machine for removing swine hides. Mias. ind. SSSR 27 no.5:62-63 '56.  
(MLRA 9:11)

1. Glavnyy tekhnolog Moskovskogo myasokombinata.  
(Germany, East--Packing houses--Equipment and supplies)  
(Hides and skins)

USSR/Farm Animals. Sheep and Goats.

Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78754.

Author : ~~Alekseyev, N.~~ Spirin, A.

Inst : Krasnoyarsk Scientific-Research Institute of  
Agriculture.

Title : Development of a New FineWool Breed of Sheep for  
Steppe Kolchozes and Sovkhozes of Khakasiya.

Orig Pub: Dyul. nauchno-tekhn. inform. Krasnoyarskogo n.-i.  
in-ta s. kh., 1957, No 1-2, 53-55.

Abstract: Local coarse-wool sheep were crossed with rams of  
the precoce breed; the hybrids were inbred, then  
a single crossing with the Grozny finewool breed  
was effected. Highly productive animals with a  
strong constitution were obtained. The herd of

Card : 1/2

ALEKSEYEV, N.F.; MINDLINA, D.S.; STEFANOV, A.V.

Use of sodium silicate in disinfecting and preserving sheep casings. Veterinariia 35 no.8:82 Ag '58. (MIRA 11:9)

1. Moskovskiy myasokombinat imeni A.I. Mikoyana.  
(Sausage casings) (Sodium silicates)



ZOTOV, V.P.; BURTSKY, L.Ye.; GORBATOV, V.M.; FALEYEV, G.A.; KLEMENCHUG,  
A.P.; ALEKSEYEV, N.F.; IVANOV, G.Ya.; LEPILKIN, A.N.; GEVORGYAN,  
B.A.; KARPOV, V.I.; SINITSYN, K.D.; KOLEDIN, I.G.

A.N.Anfimov. Mas.ind.SSSr 31 no.1:58 '60. (MIRA 13:5)  
(Anfimov, Apollon Nikolaevich, 1894-1959)

117 AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 100 AND 4TH ORDERS

**ALEXSEYEV, N. F.**

1105 10

Preliminary refining of crude anthracene. N. F. Alexseyev, *Coke and Chem. (U. S. S. R.)* 1937, No. 3, 30.  
—Forty % anthracene (I) is obtained in 80% yield by exg. 11% I with crude EtOH (25 min. at the b. p.).  
R. C. P. A.

AND 31 A METALLOGICAL LITERATURE CLASSIFICATION

12





1ST AND 2ND ORDERS  
3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

15

**ALEKSEYEV, N. F.**

\*227. Method for Determination of Diolefins in Coke-Oven Gas. (In Russian.) N. F. Alekseyev, Zurodskaya Laboratoriya (Factory Laboratory), v. 18, Nov. 1947, p. 1351-1358.

Describes simplified method and apparatus in which the diolefins are concentrated in 2 steps using activated carbon as adsorbent. 10 liters of gas are required per determination. Accuracy is  $\pm 10\%$ . Time required for duplicate analysis is 2-2.5 hr. 18 ref.

COMMON ELEMENTS  
COMMON VARIABLES INDEX

OPEN MATERIALS INDEX

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

REPLY ON OUT SET

GROUPS

LETTERS



AUTHORS: Alekseyev, N.F., Yakobson, L.G., Dvinyanina, M.P., 32-3-12/52  
Lavrent'yeva, N.N.

TITLE: The Accelerated Analysis of Mixtures Containing Ammonia and  
Methylamine (Uskorennyy analiz smesey, sodershashchikh ammiak  
i metilaminy)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 3, pp. 283-287 (USSR)

ABSTRACT: A method of determination was worked out which was developed from  
three different methods. One of them is the chromatographic  
analysis according to Fuks and Rappoport [Ref. 3]. From a hydro-  
chloric acid solution three samples are taken. In the first sample  
dimethylamine is determined polarographically or by hydrazine-  
method. In the second sample the hydrochlorides of ammonia and  
monomethylamine are treated with butanol and chloroform. The third  
sample serves for the chromatographic determination of trimethyl-  
amine. Should the solution contain less than 0.25 g/l ammonia,  
determination of ammonium chloride cannot be carried out with

APPROVED FOR RELEASE: 03/20/2001 Leon (Ref. 2) by coprecipitation with  
sodium cobaltinitrite. The extraction of trimethylamine in  
Card 1/2

The Accelerated Analysis of Mixtures Containing  
Ammonia and Methylamine

32-3-12/52

chromatographic determination is carried out, instead of with butanol, with benzene according to Gezber and Hildi [Ref.9], as in this way a better separation is attained. Chromatographic determination was carried out in a mixture of starch and calcium oxide with bromthymol blue. Titration is carried out with a 0.02-0.05n sulphuric acid solution. The accuracy attained satisfied the demands made by industry and analysis is said to take three hours. There are 2 tables, and 9 references, 5 of which are Slavic.

ASSOCIATION: Kemerovo Nitrogen Fertilizers Plant (Kemerovskiy azotno-tukovyy zavod)

AVAILABLE: Library of Congress

1. Ammonium compounds-Analysis
2. Methylamine compounds-Analysis
3. Butanol-Applications
4. Chloroform-Applications

Card 2/2



AUTHOR: Alekseyev, N.F. 32-24-6-9/44

TITLE: The Polarographical Determination of Primary Aliphatic Amines  
(Polyarograficheskoye opredeleniye pervichnykh alifaticheskikh aminov)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 6, pp 684-688 (USSR)

ABSTRACT: It was found that compounds of primary aliphatic amines with isosebacic acid aldehyde with a composition of 1:2 and 1:1 on a background of 0.1 n LiCl give easily reproducible polarographic waves with a potential of -1.5 Volts, whereas compounds with secondary and tertiary amines as well as of ammonia are reduced at higher temperatures. The method of qualitatively and quantitatively determining primary amines was worked out on the basis of methylamine; the process of analysis is described in detail. From the experimental results and graphical representations given it follows that in order to obtain well reproducible measuring results, not more than 1.5 mol isosebacic acid aldehyde need be used per one mol of methylamine; if the ratio changes, also the diffusion current may be changed. If the ratio between amine and aldehyde remains unchanged and in the case of an absolute increase

Card 1/3

The Polarographical Determination of Primary  
Aliphatic Amines

32-24-6-9/44

of the quantity of the amine the diffusion current at first increases slowly and later more rapidly, on which occasion the presence of di- and trimethylamine as well as of ammonia exercised considerable influence. The highest diffusion current, specifically for monomethylamine, was found in solutions with dimethylamine, and the lowest in ammonia solutions. For every mixture a separate calibration curve must be made, and it is possible to vary only the monomethylamine content. As it is difficult to comply with these conditions, the method of additions was found to be the most practicable. The methylamine content is calculated according to a given formula; the method of determination is described in detail. Determination is said to take 25 to 30 minutes; it is possible to determine about 1% of a primary amine in secondary or tertiary amines of ammonia with a maximum error of 10%. The error limit for a high-percent monomethylamine is given as amounting to 1%. There are 3 figures, 1 table, and 4 references, 2 of which are Soviet.

ASSOCIATION: Kemerovskiy azotno-tukovyy zavod (Kemerovo Nitrogen Fertilizer Plant)

Card 2/3

The Polarographical Determination of Primary  
Aliphatic Amines

32-24-6-9/44

1. Amines--Determination
2. Aliphatic compounds--Polarographic analysis

Card 3/3

**ALEKSEYEV, N.G.**

Method of simultaneous count of reticulocytes and throm-  
bocytes. Sovet. med. no.10:27-28 Oct 1950. (CIML 20:1)

1. Moscow.

ALEKSEYEV, N.G.

Unusual localization of *Entamoeba gingivalis* and *Trichomonas elongata*.  
Med. parazit., Moskva no.3:273-276 May-June 1953. (CML 25:1)

1. Of the Clinical Laboratory (Head -- N. G. Alekseyev) of the Central  
Clinical Hospital (Head -- V. N. Zakharchenko), Ministry of Communication  
Routes.

ALEKSEYEV, N.G.

Rational application of counter for blood formula, Klin. med., Moskva  
31 no.5:79-81 May 1953. (GIML 25:1)

1. Of the Laboratory (Head -- N. G. Alekseyev), Central Clinical Hospital  
(Head -- V. N. Zakharchenko), Ministry of Communication Routes.

ALEKSEYEV, N.G.

Cytological diagnosis of esophageal cancer. Khirurgiia no.10:27-32  
0 '55. (MLRA 9:2)

1. Iz klinicheskoy laboratorii (nach. N.G. Alekseyev) TSentral'noy  
klinicheskoy bol'nitsy MPS (nach. V.N. Zakharchenko) i kafedry  
khirurgii (sav. - prof. V.I. Kazanskiy) TSIU.

(ESOPHAGUS, neoplasms  
diag., cytodiag)

ALEKSEYEV, N.G.

Express method of cytodagnosis of malignant tumors and their metastases during surgery. Vest.khir. 76 no.8:94-103 S '55.

(MLRA 8:11)

1. Iz klinicheskoy laboratorii (nach--N.G.Alekseyev) Tsentral'-noy klinicheskoy bol'nitsy MPS Moskva, D-182, Volokolamskoye shosse, d.34, Dom medpersonala, kv.42

(NEOPLASMS, diag.

cytodiaq.imprint method during surg.)



ALEKSEYEV, N.G.

Methods for quick coloring of blood smears, punctates and impression preparations. Lab.delo 2 no.1:31 Ja-F '56. (MIRA 9:10)

1. Iz klinicheskoy laboratorii (nach. N.G.Alekseyev) Tsentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.  
(MEDICAL TESTS)

ALEKSEYEV, N.G.

A pipette for recovering fragments and complexes of cancerous cells  
in hemorrhagic exudations. Lab.delo 2 no.4:28 J1-Ag '56. (MLRA 9:10)

1. Iz klinicheskoy laboratorii (nach. N.G.Alekseyev) Tsentral'noy  
klinicheskoy bol'nitsy Ministerstva putey soobshcheniya SSSR.  
(PIPETTES) (CANCER)

ALEKSEYEV, N.G.

Stabilizer for fibrinous exudates. Lab.delo 2 no.5:29 S-0 '56.  
(MIRA 9:11)

1. Iz klinicheskoy laboratorii (nachal'nik N.G.Alekseyev) Tsentral'-  
noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.  
(EXCRETION) (FIBRIN)

ALEKSEYEV, N.G., zasluzhennyy vrach RSFSR

Role of the cytological method of examination in the diagnosis  
of cancer of the esophagus. Khirurgiia 36 no.8:36-42 Ag '60.

(MIRA 13:11)

1. Iz kliniko-diagnosticheskoy laboratorii (nach. N.G. Alekseyev)  
TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshche-  
niya (nach. - zasluzhennyy vrach RSFSR V.N. Zakharchenko).  
(ESOPHAGUS—CANCER)

ALEKSEYEV, N.G.; PROKHOROV, V.A.; CHMUTOV, K.V.; FINKEL', E.E., red.; KOGAN,  
V.V., tekhn. red.

[Use of electronic equipment and circuits in physical chemistry] Pri-  
menenie elektronnykh priborov i skhem v fiziko-khimicheskom issledo-  
vani. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 552 p.  
(MIRA 14:12)

(Electronic apparatus and appliances)

(Chemistry, Physical and theoretical)

ALEKSEYEV, N.G.; YEMEL'YANOV, K.N.; KLIMENKO, G.K. ; RYBAKOV, B.V.; ROSTOVTSEV,  
A.A.

Universal gamma-ray unit for use in radiation chemistry studies.  
Atom.energ. 10 no.4:396-400 Ap '61. (MIRA 14:4)  
(Gamma rays)

ALEKSEYEV, N.G.

Sterilization of Francke's needles by G.P.Stepanov's flame method.  
Lab. delo 8 no.3:55-57 Mr '62. (MIRA 15:5)

1. Kliniko-diagnosticskaya laboratoriya (nachal'nik N.G.Alekseyev)  
TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.  
(MEDICAL INSTRUMENTS AND APPARATUS--STERILIZATION)

ALEKSEYEV, N.G.

Apparatus for washing cover glasses. Lab. delo 8 no.4: 52-54 Ap '62.  
(MIRA 15:5)

1. Kliniko-diagnosticheskaya laboratoriya (nachal'nik N.G.Alekseyev)  
TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.  
(MICROSCOPY—EQUIPMENT AND SUPPLIES)



ALEKSEYEV, N. G.

"Structure of Active Carbons and the Time Required to Reach Adsorption Equilibrium,"  
Dok AN SSSR 66, No 5, 1949.

FILE NO. 541,183.5: 334,321.9		PROCESS AND PROPERTIES INDEX	
SA		A 54 d	
<p>573. The influence of ultrasonic radiation on the adsorption of fatty acids by fine-grained carbon. K. V. COMAROV AND N. G. ALKSEYEV. <i>Dokl. Akad. Nauk, SSSR</i>, 67 (No. 2), 321-3 (1949) <i>In Russian</i>.</p> <p>Solutions of propionic, valeric and heptylic acids were adsorbed on large-grained and fine-grained carbon and on carbon black; the influence of ultrasonic irradiation on the quantity adsorbed was measured. If the acids are arranged in the order of quantity adsorbed, ultrasonic irradiation alters the sequence on fine-grained carbon only and with this material the quantity adsorbed is increased much more by irradiation than with coarse-grained carbon. Adsorption on carbon black is not affected by irradiation. These effects are attributed to increase in mobility of the acid molecules by the removal of steric hindrances; the acid molecules being, as it were, shaken down into the pores of the adsorbent by irradiation.</p> <p style="text-align: right;">W. R. STOKER</p>			
ASB-35A METALLURGICAL LITERATURE CLASSIFICATION			
SUBJECT INDEX		SUBJECT INDEX	
SUBJECT INDEX		SUBJECT INDEX	

ALEEYEV, N.G.; PROKHOROV, V.A.

Differential photorelay for a thermostat [with English summary in insert]. Zhur.fiz.khim.30 no.5:1144-1145 My '56. (MIRA 9:9)  
(Photoelectric cells) (Thermostat)

ALFRED YEN, JR.

isomers are used simultaneously in mixed-dimer studies of this class. However, this work can be extended to the use of a penitillan isopropylidene. The isotopes in the mixture can be determined by measuring either the energies of the isotopes or the spectrum of the activity of each isomer. The amount of each isomer can be determined by measuring the amount of each isomer.

**"APPROVED FOR RELEASE: 03/20/2001**

**CIA-RDP86-00513R000100920016-2**

**APPROVED FOR RELEASE: 03/20/2001**

**CIA-RDP86-00513R000100920016-2"**

22619

S/089/61/010/004/022/027  
B102/B205

21,5100

AUTHORS: Alekseyev, N. G., Yemel'yanov, K. N., Klimenko, G. K.,  
Rybakov, B. V., Rostovtsev, A. A.

TITLE: A universal gamma-ray source for use in radiochemical studies

PERIODICAL: Atomnaya energiya, v. 10, no. 4, 1961, 396-400

TEXT: A gamma-ray source for use in radiochemistry is described, which meets the following requirements: 1) It has an inner radiation chamber of 50 cm<sup>3</sup> and a dose rate of 500 r/sec + 10% (depending on the spacing between source and irradiated sample, the dose rate varies from 150 to 15 r/sec); 2) tests can be made at regulated high and low temperatures; 3) remote control of temperature and telemetering of several parameters is possible; 4) the source operates without water, is reliable in operation, has exchangeable parts, and causes no radiation damage. The cylindrical radiator is composed of 24 Co<sup>60</sup> sources, is 160 mm high, and has a total activity of 5000 gram-equivalent of Ra. The sources are arranged in two rows within a diameter of 75 mm. Thus, the volume in the center is

Card 1/9

22619

S/089/61/010/004/022/027  
B102/B205

X

A universal...

~50 cm<sup>3</sup>. The sample specimen is placed inside the aluminum container (see Fig. 1). The radiator is housed within a lead container weighing 1200 kg, which serves for protection against radiation during transport and operation. It is enclosed by a steel jacket, and has three gates, one in the direction of its axis and two on the sides, which are closed during transport. Outside the closed device, the dose rate is not higher than 20μr/sec. During operation the device is placed in a special channel within a shielded cabin, and is shielded by 600-kg plates. The whole setup is shown in Figs. 2 and 3. A general view of the device in working position is shown in Fig. 4. The circuit diagram used to control the radiator chamber, the signaling, and the automatic blocking of the gates and the magnetic gate lock is shown in Fig. 5. Control operations are done from a board. The individual operations are done in strict order (indication of the pilot lamps 1-4). Unloading and loading operations are illustrated by Figs. 6-7. There are 7 figures.

SUBMITTED: July 2, 1960

Card 2/9

TINYAKOV, Georgiy Gavrilovich, prof.; BELOUSOV, A.P., kand. khim. nauk, retsenzent; KOVALENKO, M.S., prof., retsenzent; GRISHCHENKO, A.D., dots., retsenzent; TVERDOKHLEB, G.V., dots., retsenzent; ALEKSEYEV, N.G., ass., retsenzent; KACHTOVA, L.A., ass., retsenzent; SERAYA, M.P., ispolnyayushchiy obyazannosti ass., retsenzent; KOSSOVA, O.N., red.; SOKOLOVA, I.A., tekhn. red.

[Microstructure of milk and milk products] Mikrostruktura moloka i molochnykh produktov. Moskva, Pishchepromizdat, 1963. 177 p. (MIRA 16:9)

1. Prepodavateli Leningradskogo tekhnologicheskogo instituta kholodil'noy promyshlennosti (for Kovalenko, Grishchenko, Tverdokhlebskiy, Alekseyev, Kachtova, Seraya).

(Dairy products--Analysis and examination)



ALEKSEYEV, N.G.

Is the "algorithmical" approach to the analysis of teaching methods justified? Vop. psikhol no.3:137-142 My-Je'63.

(MIRA 17:2)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina.

IVANOV, Yuriy Vladimirovich, kand.tekhn.nauk; Prinsipali uchastiye: . .  
ALEKSEYEV, N.I., inzh.; FILIPPOV, Ye.N., mekhanik; FILIPPOV,  
G.P., mekhanik. BODRILIN, A.P., red.; NIKOLAYEVA, L.N.,  
tekhn.red.

[Maintenance of the steering gear and pin couplings in a motor  
vehicle] Proverka tekhnicheskogo sostoiania rulevogo upravle-  
niia i shkvornevykh soedinenii avtomobilei. Moskva, Avtotransizdat,  
1960. 31 p. (MIRA 13:11)  
(Motor vehicles--Maintenance and repair)

LEVINSON, Boris Vladimirovich; CHERNYSHOV, Leonid Fedorovich;  
~~ALEKSEYEV, N.I.~~, retsenzent; FILIN, A.G., red.; BODANOVA,  
A.P., tekhn. red.

[Centralization of the maintenance and repair of motor  
vehicles]TSentralizatsia tekhnicheskogo obsluzhivania i  
remonta avtomobilei. Moskva, Avtotransizdat, 1962. 45 p.  
(MIRA 15:10)

(Motor vehicles—Maintenance and repair)

ALEKSEYEV, N.I., inzh.

Use of asynchronous machine and rectifier stages in the mining industry. Gor.zhur. no.4:45-49 Ap '62. (MIRA 15:4)

1. Moskovskiy gornyy institut.  
(Mining machinery--Electric driving) (Electric motors, Induction)

ALEKSEYEV, N. I., inzh.

Experimental study of asynchronous motor valve cascades under  
laboratory conditions. Izv. vys. ucheb. zav.; gor. zhur. no.10:  
138-148 '61. (MIRA 15:10)

1. Moskovskiy gornyy institut imeni I. V. Stalina. Rekomendovana  
kafedroy obshchey i gornoy elektrotehniki.

(Electric motors, Induction)

ALEKSEYEV, N.I., kand.tekhn.nauk

Methods of determining the efficiency of induction machine-  
rectifier and rectifier cascades. Izv.vys.ucheb.zav.:gor.zhur.  
7 no. 1:132-137 64. (MIRA 17:5)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki  
Rekomendovana kafedroy teoreticheskikh osnov elektrotehniki i  
elektricheskikh mashin.

16(1), 10(4)

AUTHOR: Alekseyev, N.I.

SOV/140-59-1-1/25

TITLE: On the Stationary Flow of an Incompressible Tenacious Fluid for Which a Threefold Orthogonal System of Surfaces is Possible (Ob ustanovivshemlya potoke neszhimayemy vyazkoy zhidkosti, dopuskayushchem triortogonal'nyu sistemu poverkhnostey)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959, Nr 1, pp 3-8 (USSR)

ABSTRACT: The investigation of geometrical properties of a flow leads to the consideration of the vector field of the velocities of flow. The author considers the geometrical structure of a stationary flow of a tenacious incompressible fluid, the velocity field of which admits an orthogonal one-parametric family of surfaces belonging to a threefold orthogonal system. It is stated that the family of surfaces being orthogonal to the rotational field, consists of planes depending on one parameter and containing the congruence of the flow lines. The congruence of the flow lines consists of the meridian curves and the congruence of the vortex

Card 1/2

On the Stationary Flow of an Incompressible  
Tenacious Fluid for Which a Threefold Orthogonal  
System of Surfaces is Possible

SOV/140-59-1-1/25

lines consists of the parallels of the surfaces of rotation  
of the turbulent flow.

There are 3 Soviet references.

ASSOCIATION: Moskovskiy aviatsionnyy institut imeni Sergo Ordzhonikidze  
(Moscow Aviation Institute imeni Sergo Ordzhonikidze)

SUBMITTED: March 3, 1958

Card 2/2



ALEKSEYEV, N.I., kandidat fiziko-matematicheskikh nauk.

A one-parameter family of stratified orthogonal pairs. Trudy MAI  
no.61:20-29 '56. (MIRA 10:1)

(Geometry, Differential)

KRASNOSHCHKOVA, Tat'yana Ivanovna; MYASOYEDOVA, Sof'ya Andreyevna;  
ALEKSEYEV, N.I., kand. fiz.-mat. nauk, retsenzent; RIMSKIY-  
KORSAKOV, B.S., kand. fiz.-mat. nauk, retsenzent;  
SHAFALOVICH, A.F., red.

[Problems on series; manual]Zadachi po riadam; uchebnoe po-  
sobie. Moskva, Mosk. aviatsionnyi in-t im. Sergo Ordzhoni-  
kidze, 1961. 51 p. (MIRA 15:8)

(Series)

ALEKSEYEV, N.I., kandidat fiziko-matematicheskikh nauk.

The steady flow of an incompressible viscous fluid, admitting family of orthogonal surfaces. Trudy MAI no.61:5-19 '56.

(Viscosity) (Surfaces, Orthogonal)

(MIRA 10:1)

PIPELINE transportation system

ABSTRACT: This article describes studies made of the possibility of

... and then to vibration at this same internal pressure; all samples withstood these treatments.

Card 1/2

ACCESSION NO: AFD 100000

The pressed steel ring joint consists of a free steel flange and a

CLASSIFICATION

CONTROL

REF SOURCE

OTHER

OTHER

Card 2/2

ACCESSION NR: AP4042943

S/0057/64/034/008/1521/1525

AUTHOR: Alekseyev, N.I.; Kaminskiy, D.L.

TITLE: Ionization of several rare earth elements on tungsten, rhenium and iridium surfaces

SOURCE: Zhurnal tekhnicheskoy fiziki, v.34, no.8, 1964, 1521-1525

TOPIC TAGS: surface ionization, rare earth element, tungsten, rhenium, iridium

ABSTRACT: The surface ionization coefficients of all the rare earths except Ce and Pr were measured on 0.1 mm diameter W and 0.2 mm diameter Re and Ir wires, and some of the results are tabulated. The wire was located on the axis of a liquid nitrogen cooled copper cylinder which served as collector and contained a  $2 \times 3 \text{ mm}^2$  window to admit the molecular beam. A 75 V accelerating potential was maintained on a grid between the wire and the collector. The temperatures of the ionizing surfaces were measured with an optical pyrometer; they ranged from 1500 to 2550°K. The materials were vaporized in a thin-walled electrically heated tantalum tube with a 1 mm diameter opening for escape of the molecules. The total quantity of material vaporized

Card

1/3

ACCESSION NR: AP4042943

method." Orig.art.has: 5 formulas, 2 figures and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskij institut im.A.F.Ioffe AN SSSR, Leningrad (Physico-technical Institute, AN SSSR)

SUBMITTED: 25Jul63

ENCL: 00

SUB CODE: NP,EM

NR REF SOV: 006

OTHER: 001

3/3  
Card

~~ALEKSEYEV, Nikolay Ivanovich, inzhener; SHLIPPE, Igor' Sergeyevich;~~  
~~SHELOKHIN, A.S., redaktor; GALAKTIONOVA, Ye.N., tekhnicheskiy redaktor~~

[Servicing the fuel systems of IAAZ-204 and IAAZ-206 engines]  
Obsluzhivanie toplivnoi apparatury dvigatelei IAAZ-204 i IAAZ-206.  
Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 71 p.  
(Diesel engines) (MIRA 10:1)



ALEKSEYEV, N.I., inzhener; GUTMAN, M.M., inzhener.

Efficiency experts of one plant. Sudostroenie 22 no.11:  
38-41 N '56.

(MLRA 10:2)

(Shipbuilding-→Equipment and supplies)

ALEKSEYEV, N.I., inzhener.

Hull assembling operations. Sudostroenie 22 no.7:36-37  
J1 '56.

(MLRA 9:10)

(Hulls (Naval architecture)) (Shipfitting)

ALEKSEYEV, N.I., inzhener.

International conference on shipbuilding for the fishing industry.  
Sudostroenie 23 no.2:70-72 '57. (MLRA 10:5)  
(Shipbuilding) (Fishing boats)

~~XXXXXXXXXX~~  
ALEKSEYEV, N., inzh.

Improvement of information from plants and organizations of  
the shipbuilding industry. Sudostroenie 23 no.9:66-67 S '57.  
(MIRA 10:12)

(Shipbuilding)