

L 11131-66 EWT(d)/EWT(l)/EWP(m)/FS(v)-3/EWA(d) IJP(c) GW  
ACC NR: AT5028806 SOURCE CODE: UR/3124/64/005/000/0125/0135

44 55  
AUTHOR: Grebenikov, Ye. A.

44 55  
ORG: People's Friendship University, Moscow (Universitet druzhby narodov)

43  
B+1

TITLE: Solution of generalized bounded problem of three bodies with the help of series  
16,44,55

SOURCE: Moscow. Universitet druzhby narodov. Trudy, v. 5, 1964. Teoreticheskaya mekhanika (Theoretical mechanics), no. 2, 125-135

TOPIC TAGS: differential equation, approximation calculation

ABSTRACT: The author considers motion of a body<sup>12,44</sup> with zero mass in a fixed coordinate system governed by differential equations of the form

$$\begin{cases} \frac{d^2\xi}{dt^2} = \frac{\partial U}{\partial \xi}, \\ \frac{d^2\eta}{dt^2} = \frac{\partial U}{\partial \eta}, \\ \frac{d^2\alpha}{dt^2} = \frac{\partial U}{\partial \alpha}, \end{cases} \quad (1)$$

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ACC NR: AT5028806

where

$$U = f \left( \frac{m_1}{r_1} + \frac{m_2}{r_2} \right), \quad (2)$$

$$r_i^2 = (\xi - \xi_i)^2 + (\eta - \eta_i)^2 + \zeta^2, \quad (3)$$

$\xi, \eta, \zeta$  are rectangular coordinates of the positively gravitating body,  $f$  is the constant attraction,  $m_i$  are the masses of the attracting bodies,  $\eta_i$  are known functions of time determined by the solution of the two-body problem. The solution is obtained in the form of a series whose form is analogous to Steffensen series (J. F. Steffensen. On the restricted problem of three bodies. Mat.-fys. Medd. udvivet of Det Kong. Danske Vid., Selskab, Bind 30, No. 18, Kobenhavn, 1956). The method is suitable for use on digital computers--involving simple recursion formulae for the series coefficients. The series generally converges in a rather small time interval. Orig. art. has: 35 formulas.

SUB CODE: 12/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 002

OC  
Card 2/2

GREBEN'KOV, B.A., inzh.; VELIKOLEPOV, N.A., inzh.

Plan of a concrete mixing division with horizontal distribution  
of the equipment. Prom. stroi. 40 [i.e. 41] no.6:16-19 Je '63.  
(MIRA 16:10)

PAVLOVSKAYA, T.Ye.; PASYNSKIY, A.G.; GOLUBNIKOVA, A.I.

Production of amino acids by subjection of formaldehyde and ammonium salt solutions to the action of ultraviolet rays in the presence of absorbents. Dokl. AN SSSR 135 no.3:743-746 N '60.  
(MIRA 13:12)

1. Institut biokhimii im. A.N. Bakha Akademii nauk SSSR. Predstav-  
leno akad. A.I. Oparinym.  
(AMINO ACIDS) (ULTRAVIOLET RAYS)

ANDRYUNINA, K.N.; LUKINA, T.A.; GRIBENKIN, A.R.

Gluing FK veneer with MPC-1 resin not processed in the vacuum.  
Der.prom.5 no.9:19-20 S '56. (MIRA 9:10)

1.Fanernyy zavod "Krasnyy Yaker'."  
(Veneers and veneering) (Gluing)

GREENKIN, B. G.

Grebenkin, B. G. -- "Secretion of the Glands of the Small Intestine in the Post-castration Period. Certain Attempts to Work Out a New Method of Study of the Secretion of the Glands of the Small Intestine." Kazan' State U imeni V. I. Ul'yanov-Lenin, Kazan', 1955 (Dissertation for the Degree of Candidate in Biological Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

MAHENKOV, E.A., kandidat tekhnicheskikh nauk; GREBENKIN, D.G., inzhener,  
redaktor.

[Assayer's handbook] Spravochnik probirera. Pod red. D.G. Grebenkina.  
Moskva, Gosfinisdat, 1953. 230 p. (MLBA 7:1)

(Assaying)

L 06384-67 EWT(d) LJP(c)  
ACC NR: AP6021253

SOURCE CODE: UR/0041/66/018/002/0113/0117

AUTHOR: Grebenkin, G. G. (Kiev)

23  
22  
B

ORG: none

TITLE: Conformal mapping of a half-plane on a half-plane with a cut-out region

SOURCE: Ukr matem zh, v. 18, no. 2, 1966, 113-117

TOPIC TAGS: conformal mapping, approximation method

ABSTRACT: The image of a half-plane on a half-plane with a simply-connected cut-out region  $D$  is studied. The cut-out region is bounded by a segment of the  $x$ -axis including the origin and by a continuous curve which may be defined analytically, graphically, or by a discrete series of points. It is assumed that the curve has two points in common with the axis. A function is sought in the following form to give the required mapping to any given degree of accuracy:

$$z = \sum_{l=0}^{m-1} D_l w + \sum_{l=0}^{m-1} D_l w \sqrt{w^2 - 1},$$
$$z|_{w=1} = x_0, \quad z|_{w=\infty} = \infty.$$



L. 06384-67

ACC NR: AP6021253

To solve the problem, recourse is had to variation methods of conformal mapping developed by M. A. Lavrent'yev applied to the method of trigonometric interpolation. The iteration process is described on the basis of a graphical illustration. The author thanks P. F. Fil'chakov for proposing the problem and for his constant attention to the work. Orig. art. has: 20 formulas, 1 figure.

SUB CODE: 12/

SUBM DATE: 23Jun65/

ORIG REF: 006

Card 2/2

*HR*

L 18005-66 EWT(d)/T LJP(c)

ACC NRI AP6007545

SOURCE CODE: UR/0198/66/002/001/0046/0052

AUTHOR: Grebenkin, G. G. (Kiev)

25  
B

ORG: Institute of mathematics, AN UkrSSR (Institut matematika AN UkrSSR)

TITLE: Approximate method for conformal mapping of domains with corner points

SOURCE: Prikladnaya mekhanika, v. 2, no. 1, 1966, 46-52

TOPIC TAGS: conformal mapping, approximate conformal mapping

26, 44, 515

ABSTRACT: An effective method is presented for conformal mapping of the interior of the unit circle  $|\zeta| \leq 1$  into the interior of a domain bounded by a smooth closed curve defined analytically, graphically, or by a discrete set of points. The method is based on application of Lavrentyev's formulas for conformal mapping of near domains to the method of trigonometric interpolation. A function in the form of a polynomial in  $\zeta$  with the unknown coefficients  $C_j = A_j + iB_j$ , ( $j = 1, \dots, m$ ) is sought which will map the above-defined domains with any degree of accuracy. For determining the unknown coefficients of the mapping function, the circumference of the unit circle is divided into equal  $2m$  parts by two systems of points — the even and odd point systems — whose images are called, respectively, the even and odd nodes. The coefficients  $A_j$  and  $B_j$  are expressed in terms of coordinates of even nodes by formulas derived by P. F. Fil'chakov (Ukr. matem. zhurnal, t. 16, no. 6, 1964). To establish the location of the even points on the contour of a domain with

L 18005-66

ACC NR: AP6007545

any desired accuracy, an iterative procedure is presented which is based on determination of the deviation  $\zeta_k$  of odd nodes from the contour of a given domain. From the value of the deviation, utilizing the Lavrent'yev formulas in the method of trigonometric interpolation, the location of even nodes is refined. The iterative process is terminated when all  $\zeta_k$  do not exceed a certain preassigned value. The method presented is generalized for the case in which the unit circle is mapped into the domain bounded by a closed curve with a finite number of corner points. It is indicated that direct application of the method results in a slowly convergent iterative procedure. However, it can be successfully applied by converting the corresponding angles (at corner points) into the straight angles. An example illustrates the method. Orig. art. has: 15 formulas, 2 figures, and 4 tables.

[LK]

SUB CODE: 12/ SUBM DATE: 25May65/ ORIG REF: 008/ ATD PRESS: 4213

VORONOV, A.L., kand. tekhn. nauk; GREBENKIN, I.A., inzh.; IGNAT'YEV,  
N.V., kand. tekhn. nauk, retsenzent

[Gearboxes of machine tools; kinematic calculation of gear-  
boxes with combined structure and multi connected gear wheels]  
Korobki peredach metallovezhushchikh stankov; kinematicheskii  
raschet korobok peredach so slozhennoi strukturoi i sviazan-  
nymi zubchatymi kolesami. Moskva, Izd-vo "Mashinostroenie,"  
1964. 132 p. (MIRA 17:6)

GREBENKIN, V.G., inzhener.

Precast reinforced concrete unloading units for thermal electric power plants. Buil. stroi. tekhn. 14 no.2:14-16 F '57. (MLRA 10:4)

1. Glavenergostroy Ministerstva stroitel'stva elektrostansiy.  
(Precast concrete construction)  
(Electric power plants--Equipment and supplies)

AUTHOR: Grebenkin, V.G, Engineer.

104-4-25/40

TITLE: The mechanisation of rolling of tubes for steam boiler type PK-14 with the help of pneumatic motor type PMT-3. (Mekhanicheskaya valtsovka trub parovogo kotla PK-14 pri pomoshchi pnevmotora PMT-3)

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957, Vol.28, No.4, p. 78 (U.S.S.R.)

ABSTRACT: Rolling the ends of tubes in the drums of steam boilers is a very laborious process which has as yet been little mechanised, mainly because a reliable portable rolling drive was not available. This brief note describes such a drive which employs an air motor which consumed 3.5 m<sup>3</sup>/min of air at a pressure of 4 - 6 kg/cm<sup>2</sup>, the speed of rotation of the spindle under load being 10 - 12 r.p.m. Tubes up to 152 mm in dia. and up to 13 mm thick can be rolled. During a shift two men rolled 40 tube ends the average complete time to roll a single tube ranged from 7 min. 20 sec. to 10 min. 35 sec. The boiler 1/1 passed its hydraulic pressure tests successfully, and the extensive use of this motor for tube rolling is recommended.

AVAILABLE:

VARTANOV, G.L., inzh.; SEREBRYAKOV, V.M., inzh.; GREBENKIN, V.G., inzh.,  
nauchnyy red.; Primal uchastiye PROSHKIN, I.A., TYULENEVA, L.M.,  
red.isd-va; TEMKINA, Ye.L., tekhn.red.

[Electric installation work] Elektromontashnye raboty. Moskva,  
Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1959.  
220 p. (MIRA 13:3)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-  
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Brigadir elektromonterov tresta Moselektromontash No.1 (for  
Proshkin).

(Electric wiring, Interior)

GREBENKIN, V.G. [translator]; RODDATIS, K.F., red.; GIRSHFEL'D, V.Ya.,  
red.; LARIONOV, G.Ye., tekhn.red.

[Use of boiler systems] Eksploatatsiia kotel'nykh ustanovok.  
Pod red. K.F.Roddatisa. Moskva, Gos.energ.izd-vo, 1959. 495 p.  
Translated from the German. (MIRA 13:7)  
(Germany, West--Boilers)



GREBENKIN, V.G.

Using precast reinforced concrete construction elements in building thermal power plants. Prom.stroi. 37 no.12:37-41 D '59. (MIRA 13:4)

1. Nauchno-issledova el'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoschi stroitel'stvu.  
(Precast concrete construction)  
(Electric power plants)

GREBENKIN, V.G., inzh.

Constructing the reinforced concrete hyperbolic cooling tower  
of the Simferopol' State-Owned Regional Electric Power Plant.  
Energ.stroi. no.4:28-32 '59. (MIRA 13:8)

1. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii  
i tekhnicheskoy pomoshchi stroitel'stvu Gosstroya SSSR.  
(Simferopol'--Cooling towers)

S/184/60/000/005/017/021/XX  
A104/A026

AUTHORS: Grebenkin, V.G., Engineer; Troyanskiy, Ye.A., Candidate of Technical Sciences

TITLE: Experimental Investigation Into the Endurance of Bent Pipes

PERIODICAL: Khimicheskoye mashinostroyeniye, 1960, No. 5, pp. 30 - 33

TEXT: A brief description on the characteristics of bent pipes is given. As it has been assumed that the strength of pipes is lower in the bent area, wall thickness calculations for straight sections are adapted, i.e., increased according to a Gosgortekhnadzor formula. The Babcock and Wilcox Company carried out hydraulic tests on bent sections of pipes. Fractures occurred on the inner wall of the buckling which led to the conclusion that maximum internal pressure stresses are concentrated in this area. In order to verify this theory and to establish the actual character of the pressure distribution, the authors carried out endurance tests on 38 and 76-mm diameter bent steel pipes, which were subjected to internal pressure. The testing equipment consisted of a 600-atm pump and a tensiometer. The classification of the endurance coefficient was based on the pressure determined according to deformation curves obtained by tensiometric data. They show that maximum pressure is concentrated on the outside wall of

S/184/60/000/005/017/021/XX  
A104/A026



Experimental Investigation Into the Endurance of Bent Pipes

the buckling, which is in contrast to the above-mentioned theory. Results of tests proved that most fractures occur in the straight or transition parts of pipes. Additional tests were carried out on pipes of various buckling radius. To ensure that higher endurance of the bent section was not due to hammer hardening during buckling, tests included samples which were subjected to annealing and it was proved that hammer hardening had no reinforcing effect. It was further presumed that fractures in the transition region might be due to increased pressure strain. Tensiometric check revealed no strain increases. Tests in regard of the limited state of bent pipes were carried out by strain gauges and indicators. Based on these facts it is recommended that endurance tests on pipes should be carried out according to breaking rather than specific pressures. Pressures at which fractures of bent pipes occur are either close to or higher than the calculated breaking pressure of straight pipes. Therefore, it is not necessary to increase the wall thickness estimated for straight pipes in respect of bent pipes of any radius, with the exception of pipes operating under creeping conditions. There are 6 figures and 3 tables.

Card 2/2

GREBENKIN, V.G., inzh.

Erecting a 150 m. reinforced concrete chimney. Prom. stroi. 38  
no. 12:55-56 '60. (MIRA 13:12)

(Chimneys)

GREBENKIN, V.G., inzh.

Causes of the breakdown of the uncompleted kiln of a cement plant.  
Prom.stroi. 38 no.2:50-51 '60. (MIRA 13:5)  
(Precast concrete construction) (Kilns, Rotary)

GREBENKIN, V.G., inzh.

Joints of precast reinforced concrete construction elements of  
main blocks of thermoelectric power plants. Bet. 1 zhel.-bet.  
no.9:395-399 S'60. (MIRA 13:9)  
(Electric power plants) (Precast concrete construction)

GREBENKIN, V. G.

Cand Tech Sci - (diss) "Experimental study of the strength of pipe bends of the surface of heating in boiler aggregates." Moscow, 1961. 10 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Lenin Power Inst, Chair of Boilermaking); 150 copies; price not given; (KL, 6-61 sup, 215)



BATENCHUK, A.N., inzh.; GREBENKIN, V.G., inzh., nauchnyy red.;  
KROMOSHCH, I.L., inzh., nauchnyy red.; BOROVNEV, N.K., tekhn.  
red.

[Manufacture and assembly of industrial pipelines]Izgotovlenie  
i montazh tekhnologicheskikh truboprovodov. Moskva, Gosstroi-  
izdat, 1962. 296 p. (MIRA 15:12)  
(Pipelines)

GREBENKIN, V.G., inzh.; LELEYEV, N.S., kand. tekhn. nauk; SOLOV'YEVA, Yu.P.,  
inzh.; TROYANSKIY, Ye.A., kand. tekhn. nauk

Concerning the effect of the oval cross section on the strength  
of pipe bends. Elek. sta. 32 no.1:18-20 Ja '61. (MIRA 16:7)

(Pipe bending)

(Pipelines—Testing)

GREBENKIN, V.G., kand. tekhn. nauk

Consideration of internal corrosion in the choice of permissible  
magnitude of the ovality of pipe bends. Elek. sta. 35 no.10:  
28-31 0'64. (MIRA 17:12)

GREENKIN, V.G.

Laying asbestos-cement delivery pipelines with new butt joints. Stroi. truboprov. 10 no.8:28-30 Ag '65.

(MIRA 18:11)

1. Gosstroy RSFSR.

L 26473-66

ACC NR: AP6017394

"SOURCE CODE:" UR/0104/66/000/001/0005/0010

AUTHOR: ~~Grebenkin, V. G.~~ (Candidate of technical sciences).

ORG: none

TITLE: Certain problems of the design and construction of heat and power stations

SOURCE: Elektricheskiye stantsii, no. 1, 1966, 5-10

TOPIC TAGS: steam boiler, steam turbine, electric generator

ABSTRACT: An analysis of the operating indices of Heat and Power Stations (HPS) in recent years shows that they have deteriorated for many HPS, especially as regards unit fuel consumption which, instead of the designed 220-275 g/kwh, reaches 500-570 g/kwh and in some cases even higher. The reason for this is the insufficient heat load on the HPS, which causes the turbogenerators to operate with a low utilization of their industrial and central-heating bleed points. Since a program for construction of new HPS is in the offing, the problem of utilizing their installed capacity is essential. It must be considered that the expenditures on building HPS are much higher than on building condensing-turbine power stations of equal capacity and reach 160 rubles/kw and in some cases even 250-310 rubles/kwh, and that at present about 60%

Card 1/2

UDC: 621.311.22.001.12

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L 26173-66

ACC NR: AP6017394

of HPS operate with boiler-turbine units of a capacity not higher than 12 MW. The design organizations should investigate more carefully the correspondence between the designed and actual heat demand of the enterprises with similar production capacity and to determine the unit consumption of process steam and hot water for individual types of production as well as the necessary correction factors for peak loads. The designing of every regional HPS must be preceded by a thorough study of the heat demand distribution within the region. New turbogenerators with associated boilers should be installed only in cases where the available heat and process steam output is insufficient. If the steam demand is less than 300 tons/hr. only low-pressure boilers should be installed. In this connection it is necessary as soon as possible to organize the production of low-pressure boilers with steam output rates of 50, 75 and 100 tons/hr, burning gas, fuel oil and coal, as well as for use in industrial boilerhouses, low-cost water-heating boilers with 25, 50 and 80 Gcal/hr, operating on solid fuel. Further a rigorously differentiated rate schedule for process steam must be drafted in order to encourage the recovery of condensate. Orig. art.

has 4 tables. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2

PP

**GREENKIN, V.I., inzhener.**

Pincers for bending the rods of generator stator windings.

Energetik 5 no.8:23-24 Ag '57.

(MLRA 10:10)

(Electric generators)

*GREBENKIN, V.I.*  
GREBENKIN, V.I., inzh.

Device for disconnecting the turbine from the generator while in  
operation. Energetik 5 no.10:18-19 0 '57. (MIRA 10:12)  
(Turbines)



GREBENKIN, V.K.

Economic evaluation of the continuous method of combine harvesting  
of potatoes. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst.  
nauch. i tekhn. inform. 17 no.6:66-69 Je '64. (MIRA 17:11)

CHAUS, V.M.; GREBENKIN, V.K.

Harvesting machine for fodder beets. Biul. tekhn.- ekon.  
inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17  
no.3:62-64 '64. (MIRA 17:9)

GOL'DMAN, A.I.; KHEYFETS, Yu.Ch.; GREBENKIN, V.S.; OLENICH, V.A.

Casting internal sleeves for diesel cylinders. Lit.proizv.  
no.7:5-6 J1 '62. (MIRA 16:2)  
(Diesel engines—Cylinders)

ZOLOTAREV, P.A., inzh.; GREBENKIN, V.Z., inzh.

Wear resistance of the collectors of electric traction motors.  
Vest. elektroprom. 34 no.1:43-46 Ja '63. (MIRA 16:1)  
(Electric railway motors) (Electric locomotives)

GREBENKIN, V.Z., aspirant

Performance of shaking belt conveyors of radial design on rotary excavators. Nauch. trudy Mosk. inst. radioelek. i gor. elektromekh. no. 49 pt. 2:122-128 ' 64 (MIRA 19:1)

Selecting the angle of installation of a loading trough on the conveyor of a rotary excavator. Ibid.:129-136.

GREBENKINA, D. G.

Marenkov, YE. A., Compiler

Metallurgy

Spravochnik probirera. Pod redaktsiey... D. G. Grebenkina.  
Moscow, Gosfinizdat, 1953.  
pp. 232, illus., photos, diags., tables, 20 x 13.

LXIII-1

GREBENKINA, G.F.; SOKOL'SKIY, D.V.

Hydrogenation of unsaturated compounds at constant concentration.  
Trudy Inst.khim.nauk AN Kazakh.SSR 8:81-89 '62. (MIRA 15:12)  
(Unsaturated compounds) (Hydrogenation)

SOKOL'SKIY, D.V., akademik, glav. red.; POPOVA, N.M., kand.  
khim. nauk, red.; ZAKUMBAYEVA, G.D., kand. khim. nauk,  
red.; BULAVKINA, L.A., kand.khim. nauk, red.;  
GREBENKINA, G.F., kand. khim. nauk, red.; DZHARDAMALIYEVA,  
K.K., kand. khim. nauk, red.; GLAZYRINA, D.M., red.;  
ROROKINA, Z.P., tekhn.red.

[Catalytic reactions in the liquid phase] Kataliticheskie  
reaktsii v zhidkoi faze; trudy Vsesoiuznoi konferentsii.  
Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 459 p. (MIRA 16:12)

1. Vsesoyuznaya konferentsiya po kataliticheskim reaktsiyam  
v zhidkoy faze, Alma-Ata, 1962. 2. Kazakhskiy tekhnologicheskiy  
institut i Institut khimicheskikh nauk AN KazSSR (for  
Sokol'skiy).

(Catalysis)



ABOZIN, V.G.; ROMANOVA, M.G.; BLOKH, N.V.; GREBENKINA, L.G.

Kinetic study of the dyeing of cellulose fibers with vat  
dyes under various alkalinity conditions of the dye bath.  
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:108-115  
'63. (MIRA 16:11)

1. Leningradskiy tekhnologicheskij institut imeni Lensoveta.

GREBENKINA, M. A.

PA 13/49158

USSR/Medicine - Spinal Cord  
Medicine - Choline and Choline  
Derivatives

May/June 48

"Effects of Acetylcholine and Ganglionic Toxins  
on the Spinal Cord of Frogs," M. A. Grebenkina,  
Chair of Phar, Second Leningrad Med Inst, 3½ pp

"Fiziol Zhur SSSR" Vol XXXIV, No 3

Reviews history of subject. Describes experiments  
on frogs. The "praying position" can be produced  
not only by nicotine, but also by a number of  
similar substances -- anabesine, carbocholine, and  
acetylcholine. The position is brought about by  
the action of the above poisons on the neuroglia  
cells of the spinal cord. 13/49158

ANICHKOV, Sergey Viktorovich; GREBENKINA, M.A.

[I.P.Pavlov as a pharmacologist] I.P.Pavlov kak farmakolog.  
Izd.2., dop. i ispr. Moskva, Izd-vo Akad.med.nauk SSSR, 1951.  
37 p. (MIRA 13:9)  
(PAVLOV, IVAN PETROVICH, 1849-1936)

BELOUS, A.A.; GREBENKINA, M.A.

Conditioned reflexes from carotid chemoreceptors. Fiziol.zhur. 39 no.5:591-593 S-0 '53. (MLA 6:10)

1. Otdel farmakologii Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR, Leningrad. (Conditioned response)

GREBENKINA, I. A.

USSR/Medicine - Curare-Active Drugs

Jan 54

"The Effect of New Curare-Active Drugs in Experimental Myotonia," M. A. Grebenkina, Div of Pharmacol, Inst of Exptl Med (Leningrad), Acad Med Sci USSR

Byul Eks Biol i Med, Vol 37, No 1, pp 48-50

A number of diphenylethane derivs having curare activity was synthesized at the Lab of Syn Chem, Div of Pharmacol, Inst of Exptl Med. These drugs were tested on animals in which expl myotonia was established by means of strychnine (rabbits, cats) or nicotine (frogs). The results showed that drugs

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of this type relax myotonia of the skeletal musculature in doses much lower than those which have any effect on normal muscle tonus. The effect of substituents on the activity of the drugs was as follows: ethyl > propyl > butyl.

ABRAMOVA, Zh.I., kand. med. nauk; ANICHKOV, S.V., prof.; BELEN'KIY, M.L.,  
prof.; VAL'DMAN, A.V., doktor med. nauk; VEDENEYEVA, Z.I., kand.  
med. nauk; VINOGRADOV, V.M., kand. med. nauk; GERSHANOVICH, M.L.,  
kand. med. nauk; GINETSINSKIY, A.G., prof.; GORBOVITSKIY, S.Ye.,  
prof.; GREBENKINA, M.A., dotsent; GREKH, I.F., dots.; DENISENKO,  
P.P., kand. med. nauk; D'YACHENKO, P.K., kand. med. nauk; ZHESTYANIKOV,  
V.D., kand. med. nauk; ZAUGOL'NIKOV, S.D., prof.; ZEYMAL', E.V., kand.  
med. nauk; ISKAREV, N.A., kand. med. nauk; KARASIK, V.M., prof.;  
KIVMAN, G.Ya., kand. med. nauk; KOZLOV, O.D., kand. med. nauk; KROTOV,  
A.I., doktor veter. nauk; KUDRIN, A.N., doktor med. nauk; LAZAREV, N.V.,  
prof.; LAPIN, I.P., kand. med. nauk; MEL'NIKOVA, V.F., prof.;  
MESHCHERSKAYA, K.A., prof.; MIKHEL'SON, M.Ya., prof.; MOSHKOVSKIY,  
Sh.D., prof.; PADEYSKAYA, Ye.N., kand. med. nauk; PARIBOK, V.P., prof.;  
PERSHIN, G.N., prof.; PLANEL'YES, Kh.Kh., prof.; PONOMAREV, G.A.,  
prof.; POSKALENKO, A.N., kand. med. nauk; MUKHIN, Ye.A., dots.;  
ROZOVSKAYA, Ye.S., dots.; RYBOLOVLEV, R.S., starshiy nauchnyy sotr.;  
SALYAMON, L.S., kand. med. nauk; SAFRAZBEKYAN, R.R., kand. biol. nauk;  
TIUNOV, L.A., kand. med. nauk; TOMILINA, T.N., dots.; FELISTOVICH,  
G.I., kand. med. nauk; FRUYENTOV, N.K., kand. med. nauk; KHAUNINA,  
R.A., kand. med. nauk; TSYGANOV, S.V., prof.[deceased]; CHERKES, A.I.,  
prof.;

(Continued on next card)

ABRAMOVA, Zh.I.---(continued) Card 2.

CHERNOV, V.A., doktor med. nauk; SHADURSKIY, K.S., prof.;  
YAKOVLEV, V.Ya., doktor khim. nauk; MASHKOVSKIY, M.D., red.;  
NIKOLAYEVA, M.M., red.; RULEVA, M.S., tekhn. red.; CHUNAYEVA,  
Z.V., tekhn. red.

[Manual on pharmacology] Rukovodstvo po farmakologii. Leningrad,  
Medgiz. Vol.2. 1961. 503 p. (MIRA 15:1)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Anichkov, Karasik, Cherkes). 2. Chlen-korrespondent Akademii medi-  
tsinskikh nauk SSSR (for Belen'kiy, Ginetsinskiy, Moshkovskiy,  
Planel'yes).

(PHARMACOLOGY)

GREENKINA, O.T.

Interrepublican conference and seminar on technical information  
and dissemination of practices. Mekh. stroi. 17 no.12:28-29 D '60.  
(MIRA 13:12)

(Technical education)



IVANOVA, L.G., PLOSKIREV, N.V., GREBENKINA, V.F. e

Synthetic medium cultivating enteric bacteria. Lab. delo 4 no. 5:35-39  
S-0 '58 (MIRA 11:11)

1. Iz otdela sukhikh sred (zav. N.V. Ploskirev) Instituta  
epidemiologii i mikrobiologii imeni N.F. Gamalei AMN, Moskva)  
(INTESTINES--BACTERIOLOGY)  
(BACTERIOLOGY--CULTURES AND CUTURE MEDIA)

PLOSKIREV, N.V.; KOMKOVA, O.A.; GREBENKINA, V.F.; IVANOVA, L.G.

Dry nutrition medium for diagnosing the pathogens of gas gangrene.  
Zhur. mikrobiol. epid. i immun. 31 no.3:40-44 Mr '60.

(MIRA 14:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei  
AMN SSSR.

(CLOSTRIDIUM)

(BACTERIOLOGY—CULTURES AND CULTURE MEDIA)

D'YAKONOV, I.A.; NIZOVKINA, T.V.; GREBENKINA, V.M.

Addition of the carbethoxycarbene to chloroprene.  
Zhur.ob.khim. 32 no.10:3450 0 '62. (MIRA 15:11)

1. Leningradskiy gosudarstvennyy universitet.  
(Carbene) (Chloroprene)

GREENKINA, Ye.A.

Subcorneal pustular dermatosis. Vest. derm. i ven. 37 no.1:  
28-30 Ja'63. (MIRA 16:10)

1. Iz Leningradskogo oblastnogo kozhno-venerologicheskogo  
dispansera (nauchnyy rukovoditel' - prof. S. Ye.Gorbovitskiy).  
(SKIN--DISEASES)

DMITRIYEV, A.S.; GRUBENKINA, Ye.G.

Changes in the conditioned response to time in animals with disturbances in the activity of the cerebral cortex. Nauch. dokl.vys.shkoly;biol.nauki no.4:92-97 '58. (MIRA 11:12)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Bashkirskogo gosudarstvennogo universiteta i kafedroy zoologii Yaroslavskogo pedagogicheskogo instituta.  
(TIME PERCEPTION) (CEREBRAL CORTEX)

DMITRIYEV, A.S.; GREBENKINA, Ye.G.

Formation and establishment of conditioned response to time in animals during estruation and pregnancy.. Nauch.dokl.vys.shkoly; biol.nauki no.3:94-100 '59. (MIRA 12:10)

1. Rekomendovana kafedroy fiziologii cheloveka i zivotnykh Bashkirekogo gosudarstvennogo universiteta.  
(CONDITIONED RESPONSE) (ESTRUS) (PREGNANCY)

GREBENKINA, Ye.G.

Formation of conditioned responses to short intervals of time. Zhur.  
vys.nerv.deiat. 9 no.5:745-752 S-0 '59. (MIRA 13:3)

1. Kafedra anatomii i fiziologii cheloveka i zivotnykh Yaroslavskogo  
pedagogicheskogo instituta im. K.D. Ushinskogo.  
(REFLEX CONDITIONED)

DMITRIYEV, A.S.; GREBENKINA, Ye.G.

Switch-over of homogenous conditioned reflexes. Zhur. vys. nerv.  
deiat. 9 no.6:892-899 N-D '59. (MIRA 13:9)

1. Chair of Anatomy and Physiology of Man and Animals, Ushinskiy  
Pedagogical Institute, Yaroslavl.  
(CONDITIONED RESPONSE)



KICHAYEV, V.G.; LAVROV, N.A.; TANSKIY, V.V.; GREEN'KOV, B.A.

Conveyor frames made of precast reinforced concrete elements.  
Rats. predl. no. 37:17-18 '59. (MIRA 14:1)  
(Conveying machinery)

GREBEN'KOV, I. F., Cand Agr Sci -- (diss) "Productivity of Romney Marsh sheep in the process of their acclimatization to the conditions of the Central Non-black-earth Zone." Moscow, 1960. 15 pp; (All-Union of Lenin Academy of Agricultural Sciences in V. I. Lenin, All-Union Scientific Research Inst of Animal Husbandry); 150 copies; price not given; (KL, 19-60, 136)

FRID, I.P.; GREBEN'KOV, A.V.

The MLI, 5 sheet-stamping air hammer. Biul.tekh.-ekon.inform.Gos.  
nauch.-issl. inst.nauch. i tekhn.inform. 16 no.5:19-20'63.

(MIRA 16:7)

(Sheet-metal work--Equipment and supplies)

*GREBENKOV, M.*

MIGAY, L., brigadir; GREBENKOV, M., brigadir; GUBANOV, F., starshiy prorab.

On the occasion of the 40th anniversary of the Great October  
Revolution. Stroitel' no.7:11-12 J1 '57. (MLRA 10:9)  
(Leningrad--Construction industry)

PETSEL', V.A.; POLUBNEV, W.F.; VASIL'YEVA, L.L.; KULIKOVA, R.Ye.;  
IVANENKO, I.S.; SUGLOBOV, S.I.; BUD'KO, V.A.; GREBEN'KOV, M.V.

Experience in the prevention of chronic gastritis. Voen. med.  
zhur. no.10:61-63 0 '65. (MIRA 18:11)

S/124/60/000/004/024/021  
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 4, p. 143, # 5255

AUTHOR: Greben'kov, O.A.

TITLE: On the Problem of Determining the Stresses in the Vicinity of the Two-Spar Wing Attachment Fittings

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1958, Vol. 38, pp. 161-189

TEXT: The "secondary" stresses (additional to the stresses determined by the elementary formulae) from bending and torsion of a wing are determined approximately. It is assumed that the secondary stresses have essential significance only in the root section of the attachment fittings. The section is considered to be prismatic and to have the same characteristics as the attachment fitting section. Moreover, it is assumed that the axial forces load only the spar boom axes, and the plating is loaded by shearing. A part of plating is connected to the ribs and is loaded by normal stresses. The cross sections of the ribs are assumed to be rigid in their plane. The problem leads to a system of

✓

S/124/60/000/004/024/027  
A005/A001r

On the Problem of Determining the Stresses in the Vicinity of the Two-Spar Wing Attachment Fittings

linear differential equations of the second order with constant coefficients for the axial displacement (deplanation). Three minimum (non-zero) roots of the characteristic equation are considered in integrating the equations; these roots correspond to the most perturbed normal coordinates. The solution is performed on the basis of the total system potential by the successive approximation method applying especially selected orthogonal functions of axial displacement. The author proposes to take into account axial displacements of two types: 1) the deformations corresponding to the shear in the plating under the action of the vertical transversal wing loading; 2) the deformations corresponding to the wing torsion. Thereby, the solution is reduced to a system of two differential equations. A detailed example for calculating the normal and tangential stresses in a two-spar wing with a tip is added. ✓

V.A. Mar'yin

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

S/124/60/000/005/007/007  
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 5, p. 140, # 6523

AUTHOR: Greben'kov, O.A.

TITLE: Shear Strength Calculation of a Monospar Wing in the Vicinity of Its Restraint

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1958, Vol. 43, pp. 17-31

TEXT: The stress in the vicinity of the restrained and is determined as a sum of two components: that resulting from the elementary calculation and from the additional calculation carried out by the author's formulae. It is assumed that the plating is affected only by shear. The axial forces load the stringers, the spar flanges, and the plates connected with them. The wing cross section is considered as invariable in its plane. For determining the additional stresses near the attachment zone, the wing bag of 1.5 B length (B is the distance between the main and auxiliary spars) is considered as prismatic; the stresses found from the elementary calculation are applied to the end of this bag. The deformation of the wing cross section is taken into account, which corresponds to the shear deformation of the plating from the

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S/124/60/000/005/007/007  
A005/A001

Shear Strength Calculation of a Monospar Wing in the Vicinity of Its Restraint

transversal force and to the shear deformation from torsion; the problem is reduced to the solution of a differential equation system of second order with constant coefficients. Formulae are obtained allowing the determination of the additional stresses in the wing cross sections near the attachment. The calculation is exemplified. The comparison with the rigorous solution shows that the approximate solution is applicable.

✓

V.A. Mar'in

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

GREBEN'KOV, S.G.

Study of the adequacy of vitamin C supply for the rural population of Uzbekistan different seasons of the year using as indices the quantity of ascorbic acid in the plasma and whole blood. Vop. pit. 21 no.1: 49-54 Ja-F '62. (MIRA 15:2)

1. Iz laboratorii izucheniya vitaminov (zav. - prof. V.V.Yefremov) Instituta pitaniya AMN SSSR, Moskva.  
(UZBEKISTAN ASCORBIC ACID)

GREBEN'KOV, S.G.

Effect of vitamin C deficiency on creatine and creatinine  
excretion with urine. Vop.pit. 21 no.3:80-81 My-Je '62.

(MIRA 15:10)

1. Iz laboratorii izucheniya vitaminov (zav. - prof. V.V.  
Yefremov) Instituta pitaniya AMN SSSR, Moskva.  
(ASCORBIC ACID) (CREATINE)

GREBEN'KOV, S.G.

Creatinuria as an index of the vitamin C supply of the animal body.  
Vop. pit. 22 no.4:43-48 J1-Ag '63.

(MIRA 17:10)

1. Iz laboratorii izucheniya vitaminov (zav. - prof. V.V. Yefremov)  
Instituta pitaniya AMN SSSR, Moskva.

ACC NR: AP7099345

(A,N)

SOURCE CODE: UR/0413/66/000/022/0107/0108

INVENTOR: Vimba, A. A.; Greben'kov, Zh. A.; Kuzin, S. M.; Ostapenko, V. A.

ORG: none

TITLE: Device for measuring the temperature of gas in a flow. Class 42, No. 188712

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 107-108

TOPIC TAGS: gas flow, measurement, temperature measurement, ~~measuring~~ <sup>TEMPERATURE</sup> instrument

\*ABSTRACT: An Author Certificate has been issued for a device for measuring the temperature of gas in a flow. The device consists of a shielded thermocouple located in a gas-forming plug housing into which gas is sucked from a stream in a sealed outer housing equipped with a connecting pipe for bringing in compressed air. To keep drops of the evaporating liquid and hard particles from hitting the hot thermocouple's junction, it is equipped with an air-mechanical shield (together forming a baffle) made in the form of a cylindrical plug with a conical skirt attached to the inlet of the outer housing, and with a compressed air stream going out through an annular slit between the conical skirt and the conical part of the gas-forming plug. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 20Apr65/

Card 1/1

UDC: 536.532.541.12.012.6

ACC NR: AP7000345

(A,N)

SOURCE CODE: UR/0413/66/000/022/0107/0108

INVENTOR: Vimba, A. A.; Greben'kov, Zh. A.; Kuzin, S. M.; Ostapenko, V. A.

ORG: none

TITLE: Device for measuring the temperature of gas in a flow. Class 42, No. 188712

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 107-108

TOPIC TAGS: gas flow, measurement, temperature measurement, <sup>TEMPERATURE</sup> ~~measuring~~ instrument

ABSTRACT: An Author Certificate has been issued for a device for measuring the temperature of gas in a flow. The device consists of a shielded thermocouple located in a gas-forming plug housing into which gas is sucked from a stream in a sealed outer housing equipped with a connecting pipe for bringing in compressed air. To keep drops of the evaporating liquid and hard particles from hitting the hot thermocouple's junction, it is equipped with an air-mechanical shield (together forming a baffle) made in the form of a cylindrical plug with a conical skirt attached to the inlet of the outer housing, and with a compressed air stream going out through an annular slit between the conical skirt and the conical part of the gas-forming plug. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 20Apr65/

Card 1/1

UDC: 536.532.541.12.012.6

GREBEN'KOV, ZH. A.

Greben'kov, Zh. A. — "Influence of the Pitch on the Characteristics of Turbine Grates." Min Higher Education USSR, Kazan' Aviation Inst, Kazan', 1955 (Dissertation for Degree of Candidate of Technical Sciences).

SO: Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

ACC NR: AT7002853

(N)

SOURCE CODE: UR/3239/66/000/003/0056/0060

AUTHOR: Greben'kov, Zh. A.; Sharovarov, G. A.

ORG: none

TITLE: Transient similarity parameters of gas-turbine installations

SOURCE: Nikolayev. Korablestroitel'nyy institut. Sudostroyeniye i morskoye sooruzheniya, no. 3, 1966, Sudovyye energeticheskiye ustanovki (Ship power equipment), 56-60

TOPIC TAGS: gas turbine, gas turbine engine, marine engine, turbine compressor, turbine rotor

ABSTRACT: Criteria for the dynamic characteristics of gas-turbine and gas-turbine-model installations are based on an analysis of transient similarity parameters, considering acceleration and transient periods as characteristics. Expressing the transient phenomenon of a full-scale gas-turbine installation by the motion equation for a rotor and applying this to a model installation, 3 factors satisfying similarity conditions are introduced. Expressions derived for these factors represent the characteristic similarity parameters. As demonstrated, the transient period is directly proportional to the linear dimension and the square root of the working fluid's temperature and inversely proportional to its pressure; the acceleration period is directly proportional to the working fluid's pressure and inversely

Card 1/2

UDC: none



ACC NR: AT7002853

proportional to the square of the linear dimension. The transient period increases with an increase in the installation's power and air temperature and decreases with increased air pressure. The derived parameters permit the evaluation of the dynamic properties of gas-turbine and model installations under varying atmospheric conditions and the reduction of transient parameters to normal conditions. Orig. art. has: 29 formulas.

SUB CODE: 21,10/ SUBM DATE: none/ ORIG REF: 002/

Card 2/2

ALEKSEYEVA, G.Ye., kand. tekhn. nauk, dots.; MELESHKINA, L.P., dots., kand. tekhn. nauk; BALUYEV, V.K., inzh.; BAMDAS, A.M., prof., doktor tekhn. nauk; VENIKOV, V.A., prof., doktor tekhn. nauk; YEZHKOVA, V.V., kand. tekhn. nauk; ANISIMOVA, N.D., dots., kand. tekhn. nauk; GANTMAN, S.A., kand. khim. nauk; GLAZUNOV, A.A., dots., kand. tekhn. nauk; GOGUA, L.K., inzh.; GREBENNICHENKO, V.T., inzh.; GRUDINSKIY, P.G., prof.; GORFINKEL', Ya.M., inzh.; ZVEZDIN, A.L., inzh.; KAZANOVICH, G.Ya., inzh.; KNYAZEVSKIY, B.A., dots., kand. tekhn. nauk; KOSAREV, G.V., dots., kand. tekhn. nauk; MESSERMAN, S.M., kand. tekhn. nauk, dots.; KOKHAN, N.D., inzh.; KUVAYEVA, A.P., dots., kand. tekhn. nauk; SOKOLOV, M.M., dots., kand. tekhn. nauk; LASHKOV, F.P., dots., kand. tekhn. nauk; LAZIN, A.I., inzh.; YUDIN, F.I., inzh.; LIVSHITS, A.L., kand. tekhn. nauk; METEL'TSIN, P.G., inzh.; NEKRASOVA, N.M., dots., kand. tekhn. nauk; OL'SHANSKIY, N.A., dots., kand. tekhn. nauk; POLEVAYA, I.V., dots., kand. tekhn. nauk; POLEVOY, V.A., dots., kand. tekhn. nauk [deceased]; RAZEVIK, D.V., prof., doktor tekhn. nauk; RAKOVICH, I.I., inzh.; SOLDATKINA, L.A., dots., kand. tekhn. nauk; TREMBACH, V.V., dots., kand. tekhn. nauk; FEDOROV, A.A., prof., kand. tekhn. nauk; FINGER, L.M., inzh.; CHILIKIN, M.G., prof., doktor tekhn. nauk, glav. red.; ANTIK, I.V., inzh., red. GOLOVAN, A.T., prof., red.; PETROV, G.N., prof., red.; FEDOSEYEV, A.M., prof., red.

(Continued on next card)

ALEKSEYEVA, G.Ye. (continued). Card 2.

[Electrical engineering manual] Elektrotekhnicheskii  
spravochnik. Pod obshchei red. A.T. Golovana i dr. Moskva,  
Energia. Vol.2. 1964. 758 p. (MIRA 17:12)

1. Moscow. Energeticheskii institut. 2. Moskovskiy energe-  
ticheskii institut (for Golovan, Grudinskiy, Petrov,  
Fedoseyev, Chilikin, Venikov). 3. Chlen-korrespondent AN  
SSR (for Petrov).

GREBENNIK, A.A.

**AUTHOR:** None Given

72-2-19/20

**TITLE:** For the Industry of Ceramics - a Progressive Technology (Kerami-cheskoy promyshlennosti - peredovuyu tekhnologiyu).

**PERIODICAL:** Steklo i Keramika, 1958, . . . Nr 2, pp. 46-47 (USSR)

**ABSTRACT:** A technical conference of the functionaries of the ceramic industry took place in Khar'kov in December 1957, which was organized by the Ukrainian administration of the Scientific-Technical Society of the building material industry and the Ministry of Building Material Industry of the Ukrainian SSR. The conference was attended by functionaries of the works producing ceramics in the Ukraine and the Russian Federation, the Economic Councils of Stalinsk and Khar'kov, the state-controlled offices for Economic Planning of the USSR, the RSFSR, and the Ukrainian SSR, the Building- and Building-Material Department of the TsK KPU and of the Scientific Research- and Planning Institutes. The results obtained in the Ukrainian Ceramic Industry and prospects for the future were discussed. Particular attention was paid to the utilization of progressive experience in the industry as well as to the introduction of new technical methods, high-efficiency equipment, and a progressive technology.

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For the Industry of Ceramics - a Progressive Technology

72-2-19/20

- 1.) I.I.Moroz (Minister for the Building Material Industry of the Ukrainian SSR) delivered a report on the work and the prospects of the ceramics industry.
- 2.) A.A.Kopeykin (Director of the NIISTROYKERAMIKI) spoke about the work carried out by his institute. He was reproached for talking too much about future plans and too little about work already completed.
- 3.) A.A.Grebennik (Head of the PKB NIISTROYKERAMIKI), after his report, was criticized for the same reasons as Kopeykin.
- 4.) Dudnik (TsKB MPSPM Ukrainian SSR, Khar'kov) spoke about the introduction of new equipment and assembly lines.
- 5.) N.I.Dikerman (Chief Engineer of the Administration of the Mosstroyaterialy) stated that the efficacy of the brick charging devices for tunnel kilns at present no longer corresponds to the increased efficiency of the kilns.
- 6.) A.N.Lyutenko (Chief Engineer of the Administration of the Economic Council, Khar'kov) spoke about production reserves of plants.
- 7.) S.M.Beluga (Chief Engineer of the Metlakh Tile Works, Khar'kov) spoke about the mechanization of production.

Card 2/4

For the Industry of Ceramics - a Progressive Technology

72-2-19/20

- 8.) L.K.Parnovskiy (Director of the Ceramics Factory, Lvov) spoke about success achieved in production.
- 9.) P.Ye.Andrianov delivered a report on the ceramics industry of Italy.
- 10.) M.D.Abramovich (Director of the Combined Plant "Keramik" at Kiyev) spoke about the organization of the production of mosaic tiles.
- 11.) S.M.Brekhovskikh (Chief Specialist for Glass of the Gosplan USSR) criticized the lack of reports concerning the stage of furnace technology.
- 12.) A.N.Lyutenko, G.A.Soldatov, S.M.Beluga, M.V.Gordyga and F.K.Perre reported on the unfavorable situation of the raw material sector, which impairs the delivery of high-quality raw materials to factories and plants.

Decisions were made for the purpose of improving industrial work, for the purpose of reducing time needed for smelting and drying, with a view of speeding up mechanization and improving the quality of products, as well as of increasing production and reducing initial costs.

Card 3/4

For the Industry of Ceramics - a Progressive Technology

72-2-19/20

AVAILABLE: Library of Congress

Card 4/4

BARKAN, D.D.; TIKUNOV, P.R.; SHEKHTER, O.Ya.; PREOBRAZHENSKAYA, N.A.;  
SAVINOV, O.A.; LUSKIN, A.Ya.; GREBENNIIK, A.A.; MERZLYAK, TS.N.;  
ALEKSANDROV, M.A.; TSAPLIN, S.A.; PAVLOVA, A.B.; DITRIKH, Yu.V.;  
KHAVIN, B.N., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Instructions for driving and extracting steel pile planks using  
SN 59-59 vibrators] Instruksia po pogruzheniu i izvlecheniu  
stal'nogo shpunta vibropogruzhateliami SN 59-59. Moskva, Gos.  
izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959.  
46 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva. 2. Nauchno-issledovatel'skiy institut osnovaniy  
i podzemnykh sooruzheniy Akademii stroitel'stva i arkhitektury  
SSSR (for Barkan, Tikunov, Shekhter, Preobrazhenskaya). 3. Vse-  
soyuznyy nauchno-issledovatel'skiy institut gidrotekhnicheskikh i  
sanitarno-tekhnicheskikh rabot (VNIIGS) (for Savinov, Luskini).
4. Fundamentproyekt (for Grebennik, Merzlyak). 5. Vsesoyuzhnyy  
nauchno-issledovatel'skiy institut stroitel'nogo i dorozhnogo  
mashinostroyeniya (VNIISTroydormash) (for TSaplin). 6. Gidropro-  
yekt (for Pavlova). 7. Gidrospetsfundamentstroy (for Ditrikh).  
(Vibrators) (Piling (Civil engineering))



GREBENNIK, Boris Iosifovich; KRIVOSHEYEV, Leonid Stepanovich;  
MATIS, T.I., red. izd-va; IVANOVA, A.G., tekhn. red.

[Measures for dust control in underground mining and prospecting] Mery bor'by s rudnoi i porodnoi pyl'iu pri prokhodke podzemnykh geologorazvedochnykh vyrabotok. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 109 p. (MIRA 16:2)  
(Mine dusts)

GREBENNIK, Georgiy Ivanovich; VASYUTIN, Nikolay Dmitriyevich; GENKIN, Arkadiy Lazarevich; STOLBOV, Gennadiy Radionovich; ZUBOV, Vladimir Osipovich; LETUCHIY, Nikolay Vasil'yevich; GORODETSKIY, Vladimir Il'ich; YESYUNIN, Boris Stepanovich; RENSKAYA, T.A., red.; SKOBELING, L.V., red. izd-va; LAVRENOVA, N.B., tekhn. red.

[Operating DR-30/50 engines on ships of the Caspian Ship Line] Opyt ekspluatatsii dvigatelei DR-30/50 na sudakh Kaspiiskogo parokhodstva. Moskva, Izd-vo "Morskoi transport," 1961. 50 p. (MIRA 14:10)  
(Marine diesel engines)

25(7)

SOV/117-59-7-18/28

AUTHORS: Balatz, D.S., ~~Grebennik, I.I.~~, Kuzemkin, V.I.

TITLE: A Machine for Bending Cramps

PERIODICAL: Mashinostroitel', 1959, Nr 7, p 34 (USSR)

ABSTRACT: At the Rutchenkovskiy mashinostroitel'nyy zavod gorno-shakhtnogo oborudovaniya (Rutchenkovo Machine Building Plant for Mining Equipment) the bending of rectangular and trapeziform cramps was conducted in dies on frictional presses. The maximum output of one press was 3,000 to 3,200 cramps per shift. On the suggestion of inventor V.I. Kuzemkin, a machine was designed and built for the bending of rectangular and trapeziform cramps out of blanks, 16, 20 and 24 mm in diameter. It consists of a cam disk with eight grooves on its circumference, a gear reducer and drive, a bending-calibrating device, a store-box for blanks, an inclined tray and a discharging sheet. This bending machine has been in service for over a year and produces 30,000 cramps per shift. There is 1 photograph.

Card 1/1

*GRBENNICK, I.L.*  
GRBENNICK, I.L.

A trade-union group is struggling for the fulfillment of the plan.  
Neftianik 2 no.12:7-8 D '57. (MIRA 11:2)

1. Inzhener po tekhnike bezopasnosti tsekha kapital'nogo remonta  
skvazhin Neftepromyshlennogo upravleniya Lokbatanneft'.  
(Lok-Batan region--Oil wells--Repairing)

GREBENNIK, I.L., inzh.

Safe holes for grief stems. Bezop.truda v prom. 2 no.3:33 Mr '58.  
(Oil well drilling) (MIRA 11:3)

.14(5)

SOV/92-59-3-27/44

AUTHOR: Grebennik, I.L., Engineer

TITLE: Successful Drilling Crew (Uspekh burovoy brigady)

PERIODICAL: Neftyanik, 1959, Nr 3, p 23 (USSR)

ABSTRACT: In view of the fact that a great number of wells in oilfields exploited by the Karadagneft' Administration remain idle, the problem of oil well overhauling in the Azerbaydzhan SSR becomes particularly important. In order to raise petroleum production and reduce the number of idle wells, numerous oil well maintenance crews make efforts to fulfill their assignments ahead of time. The crew headed by R. Zavletdinov proved to be particularly successful. This master-driller revised the setup of his crew, taking into account the skill and capacity of each man. He coordinated the work of various groups of men and took care that equipment and tools he needed were brought and placed at his disposal in time. All jobs assigned to his crew were first discussed by Zavletdinov with the senior geologist, head of the section, and senior engineer. He briefed his men on the

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Successful Drilling Crew

SOV/92-59-3-27/44

nature of work they had to carry out. The speed at which the oil well overhauling is carried out characterizes Zavletdinov's crew.

ASSOCIATION: Karadagneft' (The Karadagneft' Administration)

Card: 2/2

GREBENNIK, I.L., inzh. po tekhnike bezopasnosti

A safe hinged platform. Neftianik 5 no.3:26 Mr '60. (MIRA 14:9)

1. Karadagneft'  
(Oil wells--Equipment and supplies)



GREBENNIK, I.L., inzh.

We are introducing new technical measures. Neftianik 6 no.1:10-11  
Ja '61. (MIRA 14:4)

1. TSekh kapital'nogo remonta skvazhin neftepromyslovogo upravleniya  
Karadagneft'.  
(Karadag region--Oil wells--Equipment and supplies)

Специальн. инж. по технике безопасности

The work of the laborers has been made easier. Neftianik  
6 no. 26 3 '61. (NII 14-10)

2. Метод капитального ремонта скважин Нефтепромыслового  
управления Карагачей.  
(Oil fields--Production methods)

GREBENNIK, I.L., inzh.

New method of determining the static level. Neftianik 6  
no.11:20-21 N '61. (MIRA 14:12)

1. Neftepromyslovoye upravleniye Karadagneft'.  
(Liquid level indicators)

GREBENNIK, I.L., insh.

Using the cement-glus for cementing wells. Neftianik 7 no.12:15  
D '62. (MIRA 16:6)

1. TSekh kapital'nogo remonta skvashin Neftepromyslovogo  
upravleniya Karadagneft'.  
(Azerbaijan—Oil well cementing)

GREBENNIK, I.L.

Injecting viscous oil into the well bottom area.  
delo no.6:29 '63.

Nefteprom.  
(MIRA 16:10)

1. Neftepromyslovoye upravleniye "Karadagneft'."  
(Karadag region—Petroleum production)

GREBENNIK, I.L.

Screen pipe. Mash. i neft. obor. no.7:36-38 '63.

(MIRA 17:1)

1. Neftepromyslovoye upravleniye "Karadagneft".

GREBENNIK, V.S.; GREBENNIK, I.L.; YERMOLOV, I.N.

Determination of the dimensions of defects by ultrasonic testing  
without standard samples. Zav. lab. 29 no.10:1181-1186 '63.

(MIRA 16:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii  
i mashinostroyeniya.

СРЕДОНТК, 1.1.

Safe trimming of the edges of boards. Serop. Gnia v prom.  
8 no.12354 D 164. (MIRA 18-3)



AUTHORS: Pines, B.Ya. and Grebennik, I.P. SOV/70-3-4-9/26  
TITLE: A New Crystal Phase in Thin Films of Fe-Ni Alloys  
(Novaya kristallicheskaya faza v tonkikh plenkakh  
splavov Fe-Ni)  
PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 4, pp 461-466 (USSR)  
ABSTRACT: In an electron diffraction examination, a new phase was  
discovered in thin Fe-Ni films which had been heated to  
650 °C. Electronograms obtained at temperatures between  
-40 ° and 650 °C showed lines of the unknown phase which  
could be indexed on an orthorhombic cell with  $a = 3.42$ ,  
 $b = 5.9$  and  $c = 5.06$  KX. The structure appears  
pseudo-hexagonal and it is suggested that it has a NiAs  
cell containing 9 Ni and Fe atoms. Rough intensity  
measurements give some support for this hypothesis. The  
observed lines occur with  $d$  values (in KX) of 2.96, 2.54,  
2.52, 1.92, 1.613, 1.48, 1.47, 1.269, 1.019 and 0.916.  
Their intensities are w, m, vw, vvs, w, m, m, m, w, w,  
respectively.

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A New Crystal Phase in Thin Films of re-mi Alloys SOV/70-3-4-9/26

There are 7 figures, 3 tables and 5 references, 4 of which are Soviet and 1 English.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo (Khar'kov State University imeni A.M.Gor'kiy)

SUBMITTED: October 11, 1958.

Card 2/2

GAMBENIK, I.P., Cand Phys-Math Sci --(Class) "Electrographic  
study of diffusion in metal alloys." Khar'kov, 1959. 8 pp  
(Min of Higher Education USSR. Khar'kov Order of Labor Red  
Banner State U in A.N. Gor'kiy), 150 copies. Bibliography:  
p 12 (10 titles) (KL,29-59, 125)

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SOV/70-4-1-8/26

AUTHORS: Pines, B.Ya. and Grebennik, I.P.

TITLE: Electronographic (Electron Diffraction) Determination Of the Coefficients of Heterodiffusion in the Alloys Cu-Ni, Fe-Ni, Cu-Al and Ag-Al (Elektronograficheskoye opredeleniye koeffitsiyentov geterodiffuzii u splavov Cu-Ni, Fe-Ni, Cu-Al and Ag-Al)

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 1, pp 47-53 (USSR)

ABSTRACT: The electronographic method is an alternative to isotope methods of measuring the diffusion coefficients and values of  $10^{-13}$  -  $10^{-18}$   $\text{cm}^2/\text{sec}$  can be covered in this way. Values of  $10^{-9}$  -  $10^{-13}$   $\text{cm}^2/\text{sec}$  can be covered by X-ray methods and the isotopic methods cover the same range. Diffusion coefficients are structure sensitive and measurements can be made in equilibrium or non-equilibrium states according to the time taken for measurement. Changes in layers  $10^{-6}$  -  $10^{-7}$  cm thick can be followed electronographically. Diffusion in Cu-Ni, Fe-Ni, Cu-Al and Ag-Al systems was studied at 500 °C.

Card1/3 Specimens were made by condensing a film of Ni on a layer