

AKRAMOVSKIY, N.N., ARNOL'DI, L.V., BEI-BIYENKO, G.Ya., BORKHSENIUS, N.S.,
VERESHCHAGIN, N.K., DAL', S.X., D'YAKONOV, A.M., KIRICHENKO, A.H.,
KIR'YANOVA, Ye.S., KOZHANCHIKOV, I.V., KRYZHANOVSKIY, O.L.,
LEPNEVA, S.G., LIKHAREV, I.M., LOGINOVA, M.M., NIKOL'SKAYA, M.N.,
NOVIKOV, G.A., POPOV, V.V., PORTENKO, L.A., RYABOV, M.A., TER-MINASYAN,
M.E., CHERNOV, S.A., SHTAKEL'BERG, A.A.; PAVLOVSKIY, Ye.N., akad.,
glavnnyy red., VINOGRADOV, B.S., [deceased], red.; KOZLOVA, G.I., red.
izd-va.; PEVZNER, R.S., tekhn. red.

[Animals of the U.S.S.R.] Zhivotnyi mir SSSR. Moskva. Vol. 5. [Mountain
provinces of European Russia] Gornye oblasti evropeiskoi chasti
SSSR. 1958. 655 p. (MIRA 11:11)

1. Akademiya nauk SSSR. Zoologicheskiy institut.
(Zoology)

LIXHAREV, I.M.

Morphological and functional analysis of Clausikiidae and some problems concerning their systematics and phylogeny [with summary in English]. Zool. zhur. 37 no.5:750-754 My '58. (MIRA 11:6)

1.Zoologicheskiy institut Akademii nauk SSSR, Leningrad.
(Mollusks)

KRYZHANOVSKIY, O.L.; LIKHAREV, I.M.; POPOV, V.V.; STRELKOV, A.A.; SHTAKEL'BERG,
A.A.

"Invertebrates of the Zeravshan Valley" by R.A. Alimdzhanov,
TS.G. Bronshtein. Reviewed by O.L. Kryzhanovskii and others.
Zool. zhur. 38 no.5:786-791 My '59. (MIRA 12:7)
(Zeravshan valley--Invertebrates) (Alimdzhanov, R.A.)
(Bronshtain, TS.G.)

LIKKhAREV, I.M.

Snails and their control. Zashch. rast. ot vred. i bol. 5 no. 4:32-
(MIRA 13:9)
33 Ap '60.

1. Zoologicheskiy institut AN SSSR.
(Snails)

LIKHAREV, I. M.

A new species of Clausiliidae(Gastropoda, Pulmonata) from Burma.
Trudy Zool. inst. 30:11-13 '62. (MIRA 15:10)

(Burma—Clausiliidae)

LIKHAREV, I. M.; RIDEL', A.

New terrestrial mollusk of the genus *Oxychillus* Fitz. (Gastropoda,
Zonitidae) from Transcaucasia. Trudy Zool. inst. 30:14-16 '62.
(MIRA 15:10)

(Zakataly Reserve—Zonitidae)

LIKHAREV, Il'ya Mikhaylovich; PAVLOVSKIY, Ye.N., akademik, glavnnyy red.; STRELKOV, A.A., red.toma; BYKHOVSKIY, B.Ye., red.; GROMOV, I.M.; red.; MONCHADSKIY, A.S.; red.; SKARLATO, O.A., red.; SHTAKEL'BERG, A.A., red.; ZENDEL', M.Ye., tekhn.red.

[Mollusks Clausiliidae] Klausiliidy (Clausiliidae). Moskva,
Izd-vo Akad.nauk SSSR, 1962. 317 p. (Fauna SSSR, No.83.
Molluski, vol.3, no.4) (MIRA 16:2)

1. Direktor Zoologicheskogo instituta AN SSSR (for Pavlovskiy).
(Clausiliidae)

LIKHAREV, I.M., doktor biolog. nauk

Mollusks and their practical significance; conference in
Leningrad. Vest. AN SSSR 35 no.5:110-111 My '65.

(MIRA 18:6)

LIKHAREV, I.M.; STEKLOV, A.A.

New Miocene Clausiliidae in Ciscaucasia. Paleont. zhur. no.2:
128-133 '65. (MIRA 18:6)

1. Zoologicheskiy institut AN SSSR i Geologicheskiy institut
AN SSSR.

L 13785-65 EWT(1)/EWA(h) Pm-4/Peb ASD(a)-5/ESD(gg)/ESD(t)
ACCESSION NR: AP4047861 S/0188/64/000/005/0031/0037

AUTHOR: Rylov, V. A.; Likharev, K.K.

TITLE: Experimental investigation of transient processes in a parametric generator

SOURCE: Moscow. Universitet. Vestnik. Seriya 3. Fizika, astronomiya, no. 5, 1964, 31-37

TOPIC TAGS: parametric generator, transient process, semiconductor diode, generator capacitance

ABSTRACT: A method is described for obtaining curves for the establishment of oscillations, on the plane of slow u,v variables, by strobing the trajectories on the phase plane. The method is then used for an experimental investigation of transient processes in a semiconductor diode parametric generator. The abbreviated equation for capacitance change was solved on analog computer MN-7, the results being given in the form of projections of integral curves on the plane of slow u,v variables. Measurements were made to show the dependence of establishment of oscillation on detuning and on the nonlinearity. Starting up is oscillatory for a system with predominantly nonlinear reactance and is aperiodic when nonlinear

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ACCESSION NR: AP4047861

resistance is considerable. The family of u,v-planes obtained from the analog computer is illustrated for the case of pure, nonlinear reactance and various degrees of detuning. It is pointed out that the basic systematics can be clarified by solving the inverse problem: from the form of the u,v plane conclusions can be drawn as to the limiting mechanism in various modes of operation of the generator. The u,v-plane is obtained by strobing the phase-plane. This is done by applying the oscillatory function and the same shifted through 90° to the deflection plates of an oscilloscope, the trace being brightened once per period to show only the x,y-points located on the u-v-curve, the distance between successive points indicating the rate of change of u and v. The strobe-period is tied to the reference-signal, in this case the pumping voltage. A block-diagram of the circuit arrangement is shown. A balanced generator based on two D-809 diodes was studied in the frequency range 110-125 kc, the pumping voltage being modulated by rectangular pulses. The dependence of amplitude on detuning is shown and the family of integral curves on the slow-variable plane for 4 points of this curve is compared with that obtained from the analog computer. At small amplitudes, good agreement was found with focal singularities but at large amplitudes there was significant deviation from the theoretical (pure reactance) due to the strong effect of nonlinear conductivity. The method is also applicable in other cases such as frequency multipliers and dividers but is limited to a frequency of several Mc, because the length of the strobe pulses must be somewhat less than the period

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L 13785-65

2

ACCESSION NR: AP4047861

of oscillation for accurate phase determination. "The authors thank Prof. V. V. Migulin for interest and valuable advice." Orig. art. has: 5 figures and ⁴
equations.

ASSOCIATION: Kafedra fiziki kolebaniy, Moskovskiy Universitet (Vibration Physics
Department, Moscow University)

SUBMITTED: 02Aug63

ENCL: 00

SUB CODE: EC, GP

NO REF Sov: 007

OTHER: 000

Card 3/3

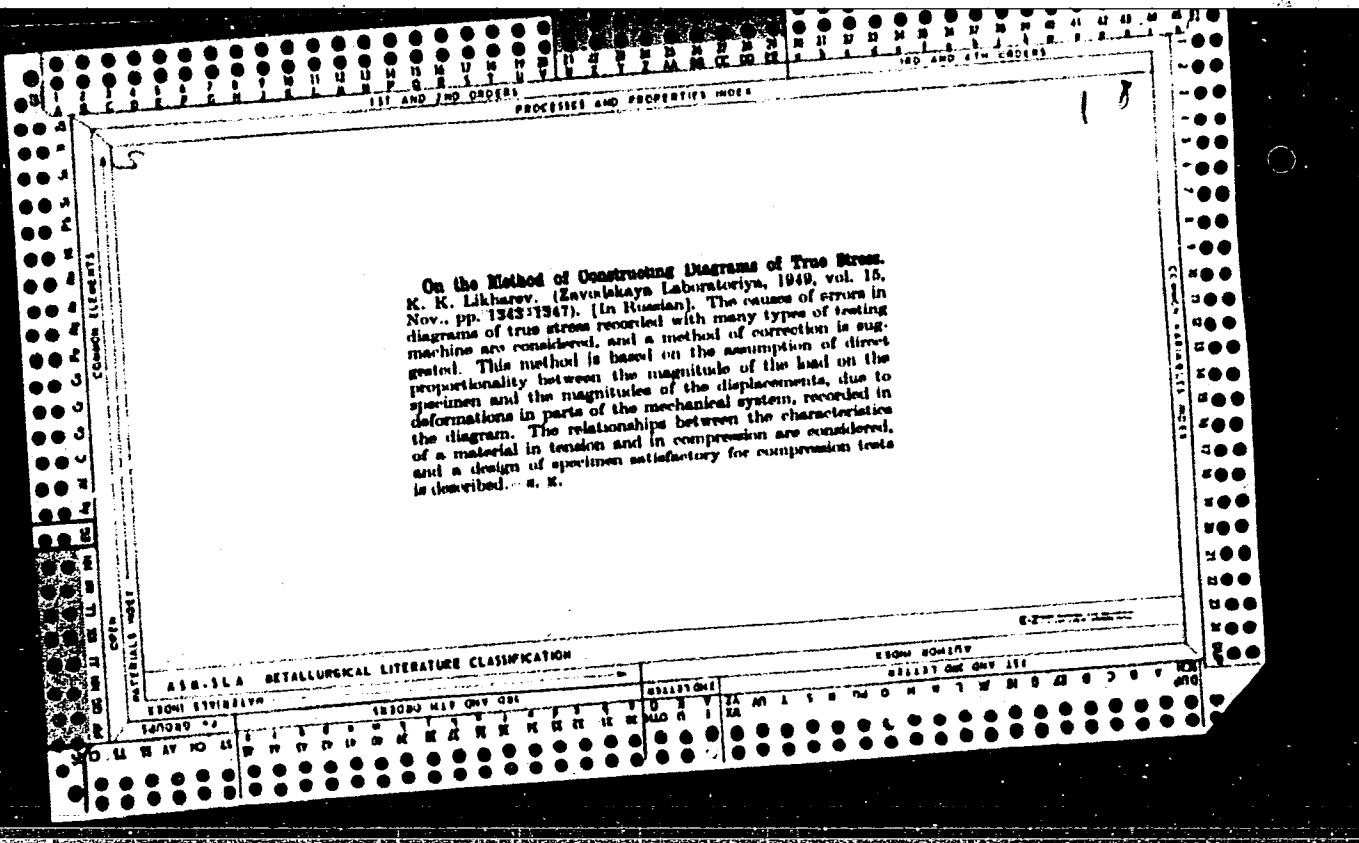
LIKHAREV, K. K.

"Computation of Special Steel Parts by Theory

of the Stability of Pressure Limit States."

Vest. Mashinostroy., No. 3, 1948, Docent,

Cand. Mech. Sci.



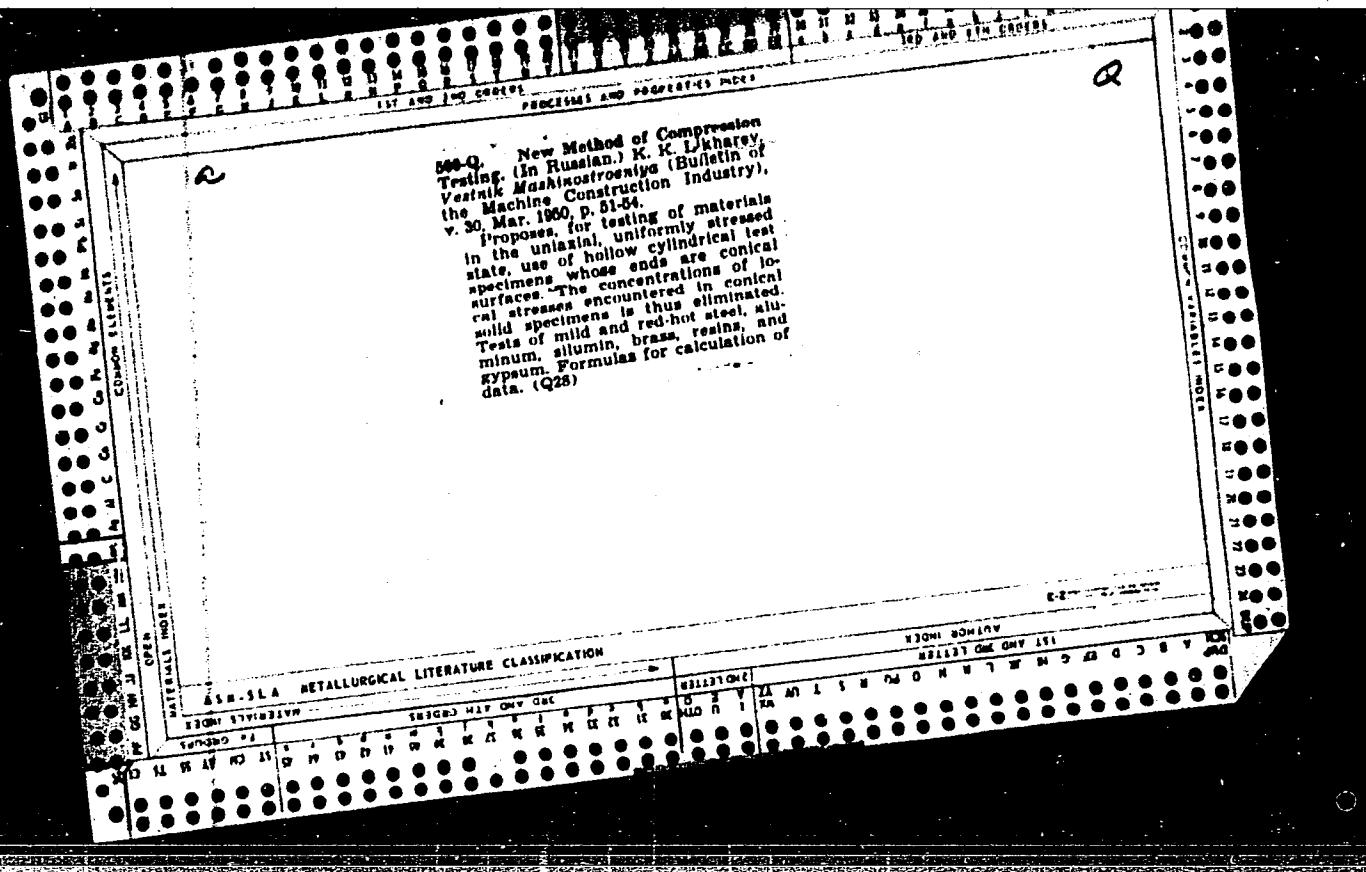
J. of J. S. D. LIKHAREV K. K.

Properties & Tests

New Specimens for Single-Axis Compression Testing. K. K. Likharev. (Zarodskaya Laboratoriya, 1960, No. 3, 338-345). (In Russian). Various attempts to improve the design of specimens for testing in single-axis compression are critically considered and a new type of specimen is proposed which may also be used for tensile tests. This is in the form of a thick-walled tube with ends having conical surfaces. The compression plates are also conical and have the same angle. With correctly chosen angles and careful centring, the specimens

remain cylindrical until fracture. The application of this new method to soft, normalized, hardened, and tool steels is described.— K. K.

Moscow Higher Tech School im. Bauman



PONOMAREV, S. D.: BIDERMAN, V. L.: LIKHAREV, K.K.: MAKUSHIN, V. N.: MALININ, N. N.
FEDOSMEV, V. I.

Machinery - Construction

"Principles of modern methods of calculating durability of machine construction."
Reviewed by Prof. A. A. Pelov. Vest. mash. 31 no. 12, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September 1953, Uncl. ²

LIKHAREV, K.K.

00000063

PHASE I

Treasure Island Bibliographic Report

BOOK

Call No.: Af58002

Authors: PONOMAREV, S.D.; BIDERMAN, V.L.; LIKHAREV, K.K.; MAKUSHIN, V.M.;
MALININ, N.N.; FEODOS'YEV, V.I.

Full Title: FUNDAMENTALS OF MODERN METHODS FOR STRENGTH COMPUTATIONS IN MACHINE-BUILDING. (Computations of dynamic loads. Stability. Creep.)

Transliterated Title: Osnovy sovremennoykh metodov rascheta na prochnost' v mashinostroyenii. (Rashbety pri dinamicheskoy nagruzke, Ustoychivosti. Polzuchest').

Publishing Data

Originating Agency: None.

Publishing House: (MASHGIZ), State Scientific and Technical Publishing House of Literature on Machine Building.

Date: 1952

No. pp.: 862

No. copies: 10,000

Editorial Staff

Editor: Prof. Ponomarev, G.D.,
Dr. Eng. Sci.

Technical Editor: None.

Editor-in-Chief: None.

Appraiser: None.

Others: Golovin, S. Ya., Eng., editor of literature on heavy machine building.

Others: Golovin, S. Ya., Eng., editor of literature on heavy machine building.

Text Data

Coverage: The three parts of this book discuss: 1) The strength computation of various machine elements under dynamic loads, 2) the stability computation of machine elements, 3) the creep computation of machine parts working at high temperatures. The first section describes the computation of the strength of moving machine elements, particularly

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LIKHAREV, K.K.

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Full Title: FUNDAMENTALS OF MODERN METHODS FOR STRENGTH COMPUTATIONS IN MACHINE-BUILDING. (Computations of dynamic loads. Stability. Creep).

Text Data

Coverage: (continued)

discs and wheels; investigates questions of elastic vibration in connection with various practical problems (harmonic, nonharmonic, quasi-harmonic, non-linear and other types of vibration); and analyzes the strength of elements under variable loads. The second part concerns methods of computing the stability of rods and springs (twisted and compressed-coiled), or rings and flat shapes of curved thin strips, of the elements of thin-wall construction and non-symmetric profiles, of thin rectangular plates, and of rotating casings. The third section analyzes the questions of creep and relaxation of tension, permanent deformation, and aging of parts subjected to the action of high temperatures.

Purpose: A textbook for design engineers in the field of machine building and students of the technical colleges and also for scientific workers.

Facilities: None.

No. Russian and Slavic References: 382 of total 409.

Available: Library of Congress.

LIKHAREV, K. K.

"Stands for Testing Materials During Triaxial Tension Conditions" an article in the book "Computing the Stability, Hardness and Creep of Elements in Machine Construction", Mashgiz, 1953, p. 239.

LIKHAREV, K.K., dotsent, kandidat tekhnicheskikh nauk.

Testing apparatus for materials subjected to triaxial loads. [Trudy]
MVTU no.26:239-249 '53. (MLRA 7:5)
(Testing-machines) (Strength of materials)

LIKHAREV, K.K.

The following is a list of names of authors of books published by Moscow Higher Technical School imeni Bauman. The book "Elements of Modern Methods of Calculating Strength in Machine Building" was written by K.K. Likharev, V.L. Viderman, S.D. Ponomarev, N.N. Malinin, V.M. Makushin, and V.I. Feodos'yev.

Ponomarev, S.D.
Viderman, V.L.
Likharev, K.K.
Malinin, N.N.
Makushin, V.M.
Feodos'yev, V.I.

"Elements of Modern Methods
of Calculating Strength in
Machine Building"

Moscow Higher Technical School
imeni Bauman

LEONOV, A.A.

PONOMAREV, S.D., doktor tekhnicheskikh nauk, professor; BIDERMAN, V.L.; LIKHACHEV, K.K.; MAKUSHIN, V.M.; MALININ, N.N.; FEODOS'YEV, V.I.; POPOVA, S.M., tekhnicheskiy redaktor; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[Calculations of the strength of materials in machine manufacture]
Raschety na prochnost' v mashinostroenii. Pod red. S.D.Ponomareva.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol. 1.
[Theoretical principles and experimental methods. Calculations for
structural rod elements under static load] Teoreticheskie osnovy i
eksperimental'nye metody. Raschety sterzhnevykh elementov konstruk-
tsii pri staticheskoi nagruzke. 1956. 884 p. (MLRA 10:3)
(Strength of materials) (Elasticity)

LIKHAREV, K.K.

32-12-32/71

AUTHOR: Likharev, K.K.

TITLE: On the Method of Setting up Actual Characteristics of Material Concerning Expansional- and Pressure Stress in the Direction of an Axis
(K metodike postroyeniya deystvitel'nykh kharakteristik materialov pri odnoosnom rastyazhenii i szhatii).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 12, pp. 1472-1477 (USSR)

ABSTRACT: In the introduction it is said that in the case of a large number of existing characteristics concerning the properties of materials uniform data are still lacking (in the USSR) on the expansional- and pressure stress brought to bear on certain materials in the case of the simultaneous production (and shape) of samples. In the chapter: The evaluation of the results of tests carried out in connection with tensile stress it is recommended to ground samples thoroughly, to examine them in order to detect possible parts which are liable to break, and, in advance, to determine the presumed place of destruction. Such tests were carried out (by way of example) on the "Gagarin press" (a testing machine for stresses of up to 5 t which automatically records results). There follows a description of the experiment, and results are shown in a diagram and a table.

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On the Method of Setting up Actual Characteristics of
Material Concerning Expansional- and Pressure Stress
in the Direction of an Axis

32-12-32/71

In the chapter: Evaluation of the results of pressure tests it is recommended (in the interest of the uniformity of methods) to use cylindrical samples of 10 mm length and 10 mm diameter in the case of not very hard materials (such as bronze, cast iron, etc.), and in the case of harder materials (as e.g. unhardened or hardened steel) to reduce these measurements to 8 and 8 mm or to 6 and 6 mm. The front surfaces of the samples must be ground. Pressure should be applied in stages, and each time a new piece of paper saturated with paraffin must be inserted between the area of pressure. Using the "Gagarin press" as a machine for testing purposes is recommended for less hard materials, whereas for harder materials a stronger testing machine (what make is not precisely said) is recommended. Results are shown in three tables. There are 7 figures, 3 tables, and 4 Slavic references.

ASSOCIATION: Moscow Higher Technical School imeni Bauman (Moskovskoye vyssheye tekhnicheskoye uchilishche im.Baumana)

AVAILABLE: Library of Congress

Card 2/2

1. Materials-Tensile stress-Determination 2. Materials-Pressure-Determination

Likhachev, K.K.

24(0), 25(2) PHASE I BOOK EXPLOITATION Sov/2037

Resenov. Vyshcheye Tekhnicheskoye obshchische Ismeni N.K. Baumana.

Razchet na prochnost' v mashinostroyeni (abnorm. Dostor for Strength in Mechanical Engineering; Collection of articles) Moscow, Masgiz, 1958. 244 p. (Series: Itc: [Trudy], [99]) 3,300 copies printed.

Ed.: G.A. Mikolayev, Doctor of Technical Sciences; Professor, Honored Worker in Science and Technology; Ed. of Publishing House: N.P. Chernyakova; Tech. Ed.: B.I. Model'; Manager, Ed. for Literature on Heavy Machine Building (Masgiz); S.Ya. Golovin, Engineer.

PURPOSE: This collection of articles is intended for engineering staffs in the machine-building industry and may be useful to scientific workers and senior students of mechanical engineering viruses.

COVERAGE: The articles cover the graphoanalytical method of designing circular symmetrically loaded reinforced plates, methods of designing rotating heated disks for traverse bending, and calculation of preloaded bellaville springs. Also discussed are differential equations for deformation of rubber-cord shells of rotation, the theory of flexure of cylindrical shells, results of stability problems of elastic cylindrical shells, results of experimental investigations of strength and ductility of constructional steels and other materials are presented. Several articles are devoted to problems of vibrations in machinery. There are 78 references, 71 Soviet, 2 English, and 1 French.

Airutov, N.A., Candidate of Technical Sciences; V.P. Solonov, Engineer. Determining the Lower Critical Pressure for an Elastic Cylindrical Shell and Behavior of the Shell Following Buckling 95
Solution of the problem is claimed to be new and simple. Examples of design are presented. A comparison is made with results obtained by methods of other authors.

Lapin, A.A., Candidate of Technical Sciences, Docent. Investigation of Flexure of Rubber-cord Cylindrical Shells 111
This article presents results of work done in 1950 with V.I. Rizerman at the Munchino-Isledovatel'stviy Institut Shimoj Proizvodstvennosti (Scientific Research Institute for the Pipe Industry). The possible forms of elastic equilibrium of a rubber-cord flexible hose under internal pressure are analyzed.

Rizerman, V.I., Candidate of Technical Sciences. Differential Equations for Deformation of Rubber-cord Shells of Rotation 119
This article presents conditions for most rational configuration of T-shaped and I-cross sections for castings or weldments designed for bending.

Likhachev, K.K., Candidate of Technical Sciences, Docent. Comparison of Characteristics of Materials Under Uniaxial Tension and Compression 147
The article is based on experimental data obtained at the Department of Strength of Materials at MFTU (Moscow Higher Technical School Ismeni N.Ye. Baumana). The author points out the necessity of establishing a method for complete testing of materials in tension and compression in order to correct some not too well-founded views on the characteristics of materials. Many stress-strain diagrams and tables showing the mechanical properties of several materials are included.

24(6)

PHASE I BOOK EXPLOITATION

SOV/2397

Ponomarev, S.D., V.L. Biderman, K.K. Likharev, V.M. Makushin,
N.N. Malinin, and V.L. Feodos'yev

Raschety na prochnost' v mashinostroyenii. t. II: Nekotoryye zadachi prikladnoy teorii uprugosti. Raschety za predelami uprugosti.
Raschety na polzuchest' (Design for Strength in Machinery Construction. Vol 2:
Some Problems in the Applied Theory of Elasticity. Calculation
Beyond Elastic Limits. Design for Creep) Moscow, Mashgiz, 1958.
974 p. Errata slip inserted. 15,000 copies printed.

Ed.: S.D. Ponomarev, Doctor of Technical Sciences, Professor; Ed.
of Publishing House: N.P. Chernysheva; Tech. Ed.: B.N. Model';
Managing Ed. for Literature of Heavy Machine Building (Mashgiz):
S.Ya. Golovin, Engineer.

PURPOSE: The book is intended for engineers, designers, and process
engineers in the field of machinery design and construction. It
may also be useful to students, aspirants, and scientific workers.

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Design for Strength in Machinery Construction (Cont)

SOV/2397

COVERAGE: This book deals with some problems of the applied theory of elasticity and the calculation of plastic deformation and creep. Design methods for circular and rectangular plates, shells of rotation, and thick-walled tubes are presented. The theory of contact stresses, the design of structural elements made of rubber and rubberized cord, calculations of elastoplastic strains, and calculations of steady and unsteady states of creep are discussed. No personalities are mentioned. References follow each chapter.

TABLE OF CONTENTS:

Preface

3

SECTION 1. DESIGN OF PLATES AND SHELLS

Ch. I. Theory of Flexure of Circular Plates and Its
Technical Applications

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Card 2717

LIKHAREV, K.K.; MALININ, N.N.

Three-dimensional diagram for fatigue strength. Nauch.dokl.vys.
shkoly; mash.i prib. no.4:106-110 '58. (MIRA 12:5)

1. Stat'ya predstavlena kafedroy "Soprotivleniye materialov"
Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana.
(Metals--Fatigue)

LIEKHARIN, K.K., kand.tekhn.nauk, dots.

Structural characteristics of sealings of intermovable parts
in high-pressure units. Izv.vys.ucheb.zav.; mashinostr.
no.5:73-81 '58. (MIRA 12:5)

1. Moskovskoye vysheye tekhnicheskoye uchilishche im. Baumana.
(Sealing (Technology))

LIKHAREV, K.K., kand.tekhn.nauk, dots.

Some structural characteristics of high-pressure units. Izv.
vys.ucheb.zav.; mashinostr. no.6:62-70 '58. (MIRA 12:8)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana.
(Strength of materials) (High-pressure research)

LIKHAREV, K.I., kand. tekhn. nauk, dots.

New strain gauges for measuring deformations caused by stretching and compression. Izv. vys. ucheb. zav.; mashinostr. no.11/12:81-88 '58. (MIRA 13:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana.
(Strain gauges)

BONDAREV, Yu.Ye.; LIKHAREV, K.K.; POGODIN-ALEKSEYEV, G.I., prof.

Reducing the friction of end plates during compression of
cylindrical test specimens. Zav. lab. 24 no.5:655 '58.
(MIRA 11:6)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR (for Bondarev).
2. Moskovskoye Vysheye tekhnicheskoye uchilishche im. N.E.
Baumana (for Likharev).
(Friction)

Likharev, K.K., kand.tehn.neuk, docsent

Comparison of characteristics of materials subjected to uniaxial stretching and compression. [Trudy] MFTU no.89:168-136 '83.
(MTR 12:7)
(Strength of materials)

PONOMAREV, Sergey Dmitriyevich, prof., doktor tekhn.nauk, zasluzhennyj deyatel' nauki i tekhniki; BIDERMAN, Vadim L'vovich; LIKHAEV, Konstantin Konstantinovich; MAKUSHIN, Vladimir Mikhaylovich; MALININ, Nikolay Nikolayevich; FEODOS'YEV, Vsevolod Ivanovich; CHERNYSHOVA, N.P., red.izd-va; MODEL', B.I., tekhn.red.

[Strength analysis in machine manufacturing] Raschety na prochnost' v mashinostroenii. Moskva, Gos.snauchno-tekhn.izd-vo mashinostroeni. lit-ry. Vol.3. [Inertia loads. Vibrations and impact loads. Strength. Stability.] Inertsionnye nagruzki. Kolebaniia i udarnye nagruzki. Vynoslivost'. Ustoichivost'. Pod red. S.D.Ponomareva. 1959. 1118 p.
(MIRA 12:12)

(Machinery--Design)

25(2)
AUTHOR:

Likharev, K. K.

SOV/32-25-3-41/62

TITLE:

Hydraulic Tensimeter for Measuring the Deformation in the Case
of Extension and Compression (Gidravlicheskiy tenzometr dlya
izmereniya deformatsiy pri rastyazhenii i szhatii)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, p 359 (USSR)

ABSTRACT:

A hydraulic tensimeter was worked out based upon the principle
of a "hydraulic lever". The device consists of 3 parts (Figure):
an upper part, a lower part and a measuring tube connecting the
two parts. The upper and lower part of the tensimeter are
screwed onto the sample so that when it is deformed a shifting
of its liquid meniscus in the measuring tube takes place. The
tensimeter is filled with colored, boiled water (at a diameter
of the measuring tube $\Delta > 3$ mm), or alcohol (at $\Delta < 3$ mm). The
tensimeter which was constructed in the laboratory mentioned
in the Association has the following dimensions: diameter of
the working chamber - $D = 100$ mm, $d = 34$ mm, surface of the
working piston 6946 mm^2 . A tensimeter of this construction
which is provided with a measuring tube with an internal
diameter of 2 mm secures a 2200 fold intensification.

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SOV/32-25-3-41/62

Hydraulic Tensimeter for Measuring the Deformation in the Case of Extension
and Compression.

There are 1 figure and 1 table.

ASSOCIATION: Moskovskoye vyssheye tekhnicheskoye uchilishche im. N. E. Bau-
mana (Moscow Higher Technical School imeni N. E. Bauman)

Card 2/2

L 40246-66 EWT(d)/EWT(m)/EJP(v)/EJP(j)/EJP(k)/EJP(h)/EJP(l) IJP(c) AM

-ACC NR: AP6019893

(A)

SOURCE CODE: UR/0145/65/000/012/0024/0026

54

AUTHOR: Sukhova, N. A. (Candidate of technical sciences, Docent); Likharev, K. K.
(Candidate of technical sciences)

ORG: None

TITLE: A unit for testing dislocation of compressed rubber dampers

SOURCE: IVUZ. Mashinostroyeniye, no. 12, 1965, 24-26

TOPIC TAGS: shock absorber, test facility, strain gage, static load test

ABSTRACT: The authors describe a unit for testing the dislocation of cylindrical and rectangular parallelepiped compressed rubber dampers. The unit is designed to load the dampers evenly at a given rate of compression for dislocation. The unit consists of a steel sleeve with cross-shaped cuts and a stress attachment. Two identical dampers are placed between two plates and set in the sleeve. The dampers are already under compression from a special clamp equipped with an attachment for eliminating misalignment. This clamp is removed after the dampers are placed in the sleeve. The machine transmits force through compression plates to the damper. Additional force can be applied on the dampers from the bottom by a cross member. This cross member is centered with respect to the sleeve by guides. Various plate thicknesses are used to

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UDC: 62-567+620.1

Card 2/2 MCP

LIKKhAREV, K.K.; RYLOV, V.A.

Excitation processes in a two-stage parametric generator.
Radiotekhnika i elektron. 10 no.12:2244-2246 D '65.
(MIRA 19:1)

1. Submitted January 19, 1965.

ACC NR: AT6037043

SOURCE CODE: UR/0000/66/000/000/0044/0054

AUTHOR: Likharev, V. A. (Candidate of technical sciences); Dobrolyubov, L. V. (Engineer); Kobzev, N. A. (Engineer)

ORG: none

TITLE: Simulation of random numbers on an electronic digital computer

SOURCE: Moscow. Aviationsionnyy institut. Teoriya i tekhnika radiolokatsii (Radar theory and techniques); sbornik statey, no. 1, Moscow, izd-vo Mashinostroyeniye, 1966, 44-54

TOPIC TAGS: computer simulation, digital computer, random number, random number simulation / BESM-2M digital computer

ABSTRACT: Methods are received of obtaining random number sequences with a given law of distribution by means of uniformly distributed random numbers. Output programs of the latter are presented on a high-speed BESM-2M computer. As examples, a description is given of the derivation of one-dimensional normal, exponential, Rayleigh and generalized Rayleigh laws, as well as of the results of

Card 1/2

UDC: 681.142.4:621.396.965(04)

ACC NR: AT6037043

the verification of the correlation of uniform distribution, of the coincidence of normal and given distributions, and of an evaluation of the numerical characteristics by the method of confidence intervals. Orig. art. has: 12 formulas, 2 figures, 2 tables and 4 appendixes. [Translation of abstract] [DW]

SUB CODE: 09/SUBM DATE:15Jul66/ORIG REF: 005/OTH REF: 001/

Card 2/2

LAVSKIY, G.K., professor (Moskva); BORISOVA, V.V. (Moskva); LIKHAREVA, K.O..
(Moskva)

Myocardial infarct and capacity for work. Klin.med. 34 no.7:46-50
Jl '56. (MLRA 9:10)

(MYOCARDIAL INFECT, ther.
restoration of work capacity)

(WORK, in varicus dis.
capacity restoration in myocardial infarct)

LIKHAREV, N. A.

"The Effect of Certain Chemical and Physical Factors
upon the Activity of Charcoal," Zhur. Obshch.

Khim., 12, Nos. 5-6, 1942. Lab. Sorption Techniques,
Leningrad Chemico-Technological Inst., -1942-.

MENDELENKO, Il'ya Iosifovich; LIKHAREV, P.A., inzh., retsenzent;
NOVIKOV, M.P., kand.tekhn.nauk, red.; BAUMAN, I.M., red.izd-va;
TIKHANOV, A.Ya., tekhn.red.

[Mechanizing assembly processes in the automobile industry]
Mekhanizatsiya sborochnykh rabot v avtostroenii. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 109 p.
(MIRA 13:5)

(Automobile industry--Technological innovations)

LIKHAREVA, K.I.

GRINBERG, A.V., GRATSIANSKAYA, L.N., VOL'FOVSKAYA, R.N., MAKULOVA, I.D.,
ROZENTSVIT, G.E., EL'KIN, M.A., LIKHAREVA, K.I.

"Occupational diseases; a manual for physicians," edited by A.A.
Letavet. Reviewed by A.V. Grinberg and others. Gig.truda i
prof. zav. 2 no.4:58-61 Jl-Ag '58 (MIRA 11:9)
(OCCUPATIONAL DISEASES)
(LETAVET, A.A.)

LIKHAREVA, N.; LIDINSKIY, K., Engs.

Refrigerators

Household refrigerator KhSh-YA., Khol.tekh. 30, no. 1, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

LIKHAREVA, N., inzhener.

Colorimetric testing of the machinery of home refrigerators.
Kholt.tekhn. 30 no.4:16-18 O-D '53. (MLRA 7:3)

1. Zavod "Gazoapparat." (Refrigeration and refrigerating machinery)

LIKSHAREVA, N., inzh.

Determining heat conductivity of small isothermal appliances.
Khokhlova, N. no. 4:29-33 O-D '56. (MIRA 12:1)
(Refrigeration and refrigerating machinery)
(Heat---Transmission)

AUTHOR: Likhareva, N. (Engineer)

66-2-5/22

TITLE: Investigation of the absorption-diffusion type refrigeration unit. (Issledovaniye absorbtsionno-diffuzionnogo kholodil'nogo apparata).

PERIODICAL: "Kholodil'naya Tekhnika" (Refrigeration Engineering) 1957, No.2, pp. 23 - 29 (USSR).

ABSTRACT: Manufacture of domestic absorption type refrigerators was started in the Soviet Union in 1950 by the Gazoapparat Works. The first model had a useful volume of 45 litres. At the end of 1954 production was begun of a new model of 65 litre capacity. The refrigerator is fitted with a manual switch for setting to 60, 75 and 90 W. The unit is filled with 750 cm³ aqueous ammonia solution of 37 to 38% ammonia concentration and hydrogen to a pressure of 14 to 15 atm. The design is briefly described and also the test results and the theoretical evaluation of experimental data. Card 1/1 The test results of the evaporator and absorber of the 65 litre unit are summarised in a table, p.28. There are 5 figures, 1 table and 16 references, of which 8 are Slavic.

AVAILABLE:

Zherebtsov, A.
ZHEREBTSOV, A.; LIKHAREVA, N.; YAKOBSON, V.

Methods of testing home refrigerators [with summary in English].
Khokh. tekhn. 35 no.1:42-46 Ja-F '58. (MIRA 11:2)
(Refrigerators--Testing)

LIKHAREVA, N. V.: Master Tech Sci (diss) -- "Investigation of the absorption-diffusion refrigerator". Moscow, 1959. 14 pp (Min Trade RSFSR, Inst of National Economy im C. V. Plekhanov), 150 copies (KL, No 7, 1959, 125)

KRUGLYAK, Iosif Naumovich; FIL'CHENKOV, Nikolay Arsen'yevich; GOLOVCHENKO,
Konstantin Sergeyevich; LIKHAREVA, N.V., inzh., retsenzent; YEVSTAF'YEVA,
N.P., red.; EL'KIND, V.D., tekhn. red.

[Compressor refrigerators for household use] Domashnie kompressionnye
kholodil'niki. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1961. 166 p. (MIRA 14:12)

(Refrigerators)

VYSHELESSKIY, A.N., prof.; CHUKAYEV, D.S., prof.; KOMAROV, N.S., prof.;
SENATOV, I.G., dots.; RYABOV, V.I.; NEUGODOV, Ye.V.; GOROZHANKIN,
M.G.; GAN, M.B., dots., kand. tekhn. nauk; retsenzent; RAYSKIY,
I.D., dots., retsenzent; LIKHAREVA, N.V., kand. tekhn. nauk, re-
tsenzent; SHCHEGLOV, V.P., kand. tekhn. nauk, retsenzent;
RUDOMETKIN, F.I., inzh., retsenzent; BAULIN, V.A., red.; EL'KINA,
E.M., tekhn. red.

[Equipment of public food service establishments; electrical, re-
frigerating, and sanitary equipment] Oborudovanie predpriatii ob-
shchestvennogo pitaniia; elektricheskoe, kholodil'noe i sanitarno-
tekhnicheskoe oborudovanie. Moskva, Gos.izd-vo torg. lit-ry,
1961. 447 p. (MIRA 15:3)
(Restaurants, lunchrooms, etc.--Equipment and supplies)

LIKHATSKIY, I.V., inzh.

Investigating dynamic processes during cutting. Mashinostroenie
no.6:12-16 N-D '62.
(MIRA 16:2)

1. Kiyevskiy politekhnicheskiy institut.
(Metal cutting)

LIKHATSKIY, M.P.

Restoration of worn out components by built-up welding.
Energ. i elektrotekh. prom. no.1:68-69 '62. (MIRA 15:6)
(Electric machinery--Repairing)

SHENGELIYA, I. D.; VAKHTANGADZE, S. K.; SHENGELIYA, G. G.; SHENGELIYA,
N. A.; ARSENASHVILI, S. Sh.; LIKHECHEV, L. L.

New clay-lime wall blocks. Trudy GPI [Grus.] no. 4315-161-69.
(MIRA 17:5)

L 58950-65 EWP(m)/EWT(l)/FCS(k)/EWA(d)/EWA(l) w
ACCESSION NR: AR5012214

UR/0285/65/000/003/0015/0015
621.438.533.601.1.001.24

30
B

SOURCE: Ref. zh. Turbostroyeniye. Otdel'nyy vypusk, Abs. 3.49.86

AUTHOR: Likhaczak, Ye. Ye.

TITLE: Some effects of the flow of a turbulent stream behind circular grids

CITED SOURCE: Tr. Tsentr. n.-i. avtomob. i avtomotorn. in-ta, vyp. 67, 1964, 6-41

TOPIC TAGS: gas flow, gas flow velocity, flow through tube, flow through grid,
gas separation, turbulent flow temperature measurement, viscous gas flow

ABSTRACT: Separation and a decrease in temperature of the retarded gas in comparison with the initial temperature are observed in a turbulent stream on the inner wall of a circular cylindrical tube. The design scheme of K. Vannert and N. Klaukens is cited to explain the first effect, but the minimum of the stream kinetic energy, not the maximum of the flow, is used as the additional condition determining the separation radius. Because of this, a better correspondence between the calculated and measured values of the separation radius is obtained. The axially symmetric laminar flow of a viscous gas is considered. The equilibrium

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distribution of the tangential components of velocity corresponding with the instantaneous distribution of velocities in the classical problem of vortex diffusion is obtained. The temperature distribution of the retarded gas corresponding to the Rank vortex tube effect is also obtained. Some experimental data are presented, which qualitatively confirm the considered effects. Their possible role in turbine calculations is noted. G. Stepanov

ENCL: 00

SUB CODE: ME

KF
Card 2/2

ACCESSION NR: AP4024449

S/0281/64/000/001/0109/0115

AUTHOR: Deych, M. Ye. (Moscow); Likherzak, Ya. Ya. (Moscow)

TITLE: Turbulent effects in a turbine stage

SOURCE: AN SSSR. Izv. Energetika i transport, no. 1, 1964, 109-115

TOPIC TAGS: turbulent effect, turbine flow, stagnation temperature, axial vane grid, radial derivative, axial derivative

ABSTRACT: Experimental and calculated relationships characterizing the uneven distribution of stagnation temperatures in the viscous gas behind the vane grid of a turbine are presented. Evaluation of turbulent effects in a turbine is carried out to achieve better understanding of the actual structure (thermal and dynamic) of turbine flow. Two related problems arise in calculation of the uneven distribution of stagnation temperatures through the radius of a stage. The first problem is that of determining the method of calculation, permitting an approximation of the magnitude of the specified nonuniformity which is dependent on basic modes and geometrical parameters of a stage. The second is the insertion of related correction into the aerodynamic calculation of flow turbulence. By experimenting, several preliminary appraisals of the energy distribution behind the axial-type vane grid are

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ACCESSION NR: AP4024449

made. The current in the ring duct behind the grid is assumed to be stabilized, two-dimensional (radial velocity component $c_r = 0$) and axially symmetrical. Derivatives in the axial direction are omitted, when compared to derivatives in the radial direction. The current in this grid is assumed to be adiabatic, and radial parameters in front of the grid - uniform. In conclusion, the authors note that the method proposed for evaluating stagnation temperature inhomogeneity in the nozzle grid is entirely approximate and its error must be tested thoroughly with experiments. When experimenting with grids and high-spin stages with large M numbers, it is necessary to measure the stagnation temperature in the gap and behind the stage. Accumulation of experimental material will permit determining the degree of effect of these or other structural and gas dynamic factors on the effect of uneven temperature distribution.

ASSOCIATION: none.

SUBMITTED: 15Apr63

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: AI, PR

NO REF SOV: 004

OTHER: 004

Card 2/2

LIKHID'KO, N.A.

Device for measuring the fall in water level at the screen of a water
intake. Vod.i san.tekh.no.5:28-29 My '56. (MLRA 9:9)
(Water meters)

Likhid'ko, N.A.

AUTHOR: Likhid'ko, N.A.

130-12-22/24

TITLE: Thawing of Frozen Ore in Heated Sheds (Razmorazhivaniye smerzsheysya rudy v teplyakakh)

PERIODICAL: Metallurg, 1957, No.12, pp. 34 - 35 (USSR)

ABSTRACT: The author criticises proposals made recently by V.I. Chernyayev and Yu.A. Noskov for breaking up frozen ores because these produce masses 0.187 m³ in size (Metallurg, 1957, No.1). He outlines proposals made by himself, together with G.M. Posypayko and G.A. Andryushchenko at the Cherepovets Works which have enabled the efficiency of heated buildings for this purpose to be improved by allowing higher temperatures without damage to rolling stock. The proposals provide for water sprays for brake cylinders and air-distributors. Special spray fittings have been made (Figs.1,2,3,4) and the use of these, together with sprays for the wooden sides of wagons, has enabled the temperature to be raised from 65-70 to 125-130°C. The new procedure has led to a reduction of thawing time of twenty wagons of concentrates from 46 to 12 minutes, with corresponding decreases in power, blast-furnace gas, personnel costs and water consumption of 4'160 to 1'220 kWh, 184 180 to 73 660 m³, 620 to 200 roubles and 11 500 to 1 200 m³, respectively. The cost per wagon is said to have fallen from 264.44 Card1/2

Thawing of Frozen Ores in Heated Sheds

130-12-22/24

to 93.86 roubles and 147 050 wagon-hours have been saved during the season at the Works. The concentrate is obtained in a form not requiring further preparation. There are 5 figures.

ASSOCIATION: Cherepovets Metallurgical Works (Cherepovetskiy metallurgicheskiy zavod)

AVAILABLE: Library of Congress
Card 2/2

BOGOMOLOV, A.G.; BRATSLAVSKIY, I.N.; LIKHIN, N.I., inzh., retsen-zent; STESHENKO, N.N., inzh., red.

[Handbook on optional equipment] Spravochnik po nestandardnomu oborudovaniyu. Moskva, Mashinostroenie, 1965. 338 p.
(MIRA 18:5)

GOL'DIM, M.M.; ZUYEV, V.D.; PIHUS, L.A.; PONOMARENKO, V.F.,
CHERNYSHEV, V.Ye.; LIKHIN, N.I., inzh., retsenzent;
YARKOV, A.M., inzh., rei.

[Adjustment and operation of automatic lines composed of
standard units; a handbook] Naladka i eksploatatsiya av-
tomaticheskikh linii iz normalizovannykh uzelov; spravochnoe
posobie. Moskva, Mashinostroenie, 1965. 443 p.
(MIRA 18:10)

LIKHN, N. T.

Furnaces

Complex mechanization of the supply of fuel and the removal of ash and slag. Za ekon. top., 9, No. 1, 1952.

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

LIKHIN, N. T.

LIKHIN, N. T. A Device for Polishing Worn Commutators of High-Speed D-C Generators,
(Prisposobleniye dlya Shlifovki Defektnykh Kilektorov Eystrokhodnykh
Mashin Postoyannogo Toka), pp. 16-17

The author describes a machine recommended by the Bureau for the Organization and Rationalization of Electric Power Plants and Networks for grinding and polishing commutators of 3,000-kw turbogenerators. (Drawings).

SO: PROMYSHLENNAYA ENERGETIKA, No. 11, Nov. 1952, Moscow (1613006)

LIKHN, V. V.

"Development of the Theory of Numbers and Bernoulli Functions
in the Works of Russian and Soviet Mathematicians." Cand Phys-
Math Sci, Moscow Order of Lenin State U imeni M. V. Lomonosov,
Poltava, 1954. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

LIKHN, V. V.

"The Development of the Theory of Numbers and Bernoulli Functions in
the Works of Russian and Soviet Mathematicians." Cand Phys-Math Sci, Moscow
Order of Lenin State U imeni M. V. Lomonosov, 7 Jan 55. (VM, 22 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556 24 Jun 55

LIVHIN, V.V.

Basic stages in the development of Bernoulli's theory of numbers
and functions. Trudy Inst. ist. est. i tekhn. 19:411-430 '57.
(Bernoullian numbers) (MIRA 11:2)

LIKHN, V.V.

Theory of Bernoullian functions and numbers and its development in
the works of Russian mathematicians. Ist.-mat. issl. no.12:59-134
'59. (MIRA 13:11)

(Bernoullian numbers)

LIKHIN, V.V., kand. fiz.-matem. nauk, dotsent

Generalized Bernoulli numbers and functions. Nauk. zap. Polt.
derzh. inst. 13 no.3:3-21 '63 (MIRA 18:1)

Application of Bernullian numbers to the theory of numbers.
Ibid.:22-31

LIL'CHINA

✓ 4337. Resorptive action of mineral oils. E. T. Lilchina. *Pharmacol. i Tekstil.*, 1955, 18, 51-55; *Referat. Zh. Biol.*, 1956, Abstr. No. 52069.—Five rabbits inhaled "Emulsion B" containing 14% of naphthenic acid for 4 hr. daily for 100 days, in the form of an aerosol of 400-1000 particles per ml. of air. All five developed dystrophic changes in the liver, spleen, and cardiac muscles. Some animals were observed to have, in addition, emphysema of the lungs, and single drops of fat in the alveolar and blood vessels. Inhalation of aerosols of pure petroleum jelly under similar conditions of test did not lead to similar reactions; suggesting that the toxic action of "Emulsion B" is due to the presence of naphthenic acid. A. D. THORNTON-JONES
(Russian)

TSELUYKO, Yu.I.; SADAKH, A.F.; BOBOSHKO, V.S.; DODOKA, V.G.; LIKHININ, A.I.;
Prinimali uchastiye: PEKKER, A.N.; LOLA, V.N.; KSENZUK, F.A.;
BONDAREV, L.V.; REZNIKOV, Yu.N.; KLEKL', A.E.

Study of the heating of metal in a holding furnace. Stal' 25
no. 5:462-464 My '65. (MIRA 18:6)

1. Nauchno-issledovatel'skiy i proyektnyy institut metallurgicheskoy
promyshlennosti.

BORODA, T.A., kand. khim. nauk; ROMAZANOVICH, N.P., kand. khim. nauk;
POLOVKO, V.N., kand. tekhn. nauk; CHISTYAKOVA, Ye.A.;
LIKHITSKAYA, V.S., inzh.

Purification of commercial lactic acid. Pishch. prom. no.1:
96-102 '65. (MIRA 18:11)

SILIN, P.M.; LITVAK, I.M.; BARABANOV, M.I.; LIKHITSKIY, M.Kh.;
BODNAR', S.G.; ROSTRIOPENKO, I.A.; SOTRONYUK, L.P.;
YAROVENKO, O.A.; MIROSHNIK, A.P.; IVASENKO, G.

Accelerating the sedimentation in settlers. Sakh. prom. 36
no.7:9-17 Jl '62. (MIRA 17:1)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promysh-
lennosti (for Silin). 2. Kiyevskiy tekhnologicheskiy institut
pishchevoy promyshlennosti imeni Mikoyana (for Litvak,
Barabanov, Likhitskiy). 3. Lannovskiy sakharnyy zavod (for
Bondar', Ivasenko). 4. 2-y im. Petrovskogo sakharnyy zavod
(for Rostripenko). 5. Gindeshtskiy sakharnyy zavod (for
Sofronyuk). 5. Krasnyanskiy sakharnyy zavod (for Yarovenko,
Miroshnik).

LIKHITSKIY, M. Kh., inzh.; LITVAK, I.M., doktor tekhn. nauk;
REVA, L.P., kand. tekhn. nauk

Effect of some factors on the rate of the settling of first
carbonation juices. Pishch. prom. no.1:32-37 '65.
(MIRA 18:11)

LIKHMAN A. L.

V

PROCESSED AND FILED THIS INDEX

Detergent. G. Ya. Gordon and A. L. Likhman. U.S.S.R. 65,102, Aug. 31, 1955. Crosete oil, freed of phenols, org. bases, and readily oxidizable substances by successive treatment with alkali hydroxide and H_2SO_4 , is sulfonated, treated with superheated steam to remove neutral oil, freed of resinification products by treating the aq. soln. with Cl_2 in the presence of $FeCl_3$ at room temp., freed of excess Cl_2 by heating, and neutralized with an alkali hydroxide or NH_3 , and to neutralized product is added a satd. soln. of $Cu(OH)_2$. M. Hesch.

LIL'KHEAN, V. I.

✓ On the Mechanism of the Action of Lubricants in the Forging
of Metals. S. Ya. Voller, V. I. Lil'khean, and P. I. Babuska.
(Doklady Akad. Nauk SSSR, 1956, 110, (8), 885-888). (In
Russian). This is a study of the role of lubricants in the
working of metals by compression or drawing, and as affecting
their plasticity and flow. Experiments were carried out on
iron and brass wires. —S. I. T.

18452 c

5

PAT

IVANOV, A.A., doktor tekhn. nauk; MARYUTA, A.N., inzh.; YURTAYEV, A.V., inzh.;
LIKHMAN, V.P., inzh.

Discrete automatic control system of charging ores into a mill.
Izv. vys. ucheb. zav.; gor. zhur. 6 no.10:111-115 '63.
(MIRA 17:2)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artyoma (for Ivanov, Maryuta). 2. Novokrivorozhskiy
gornoobogatitel'nyy kombinat (for Yurtayev, Likhman).

"APPROVED FOR RELEASE: 07/12/2001

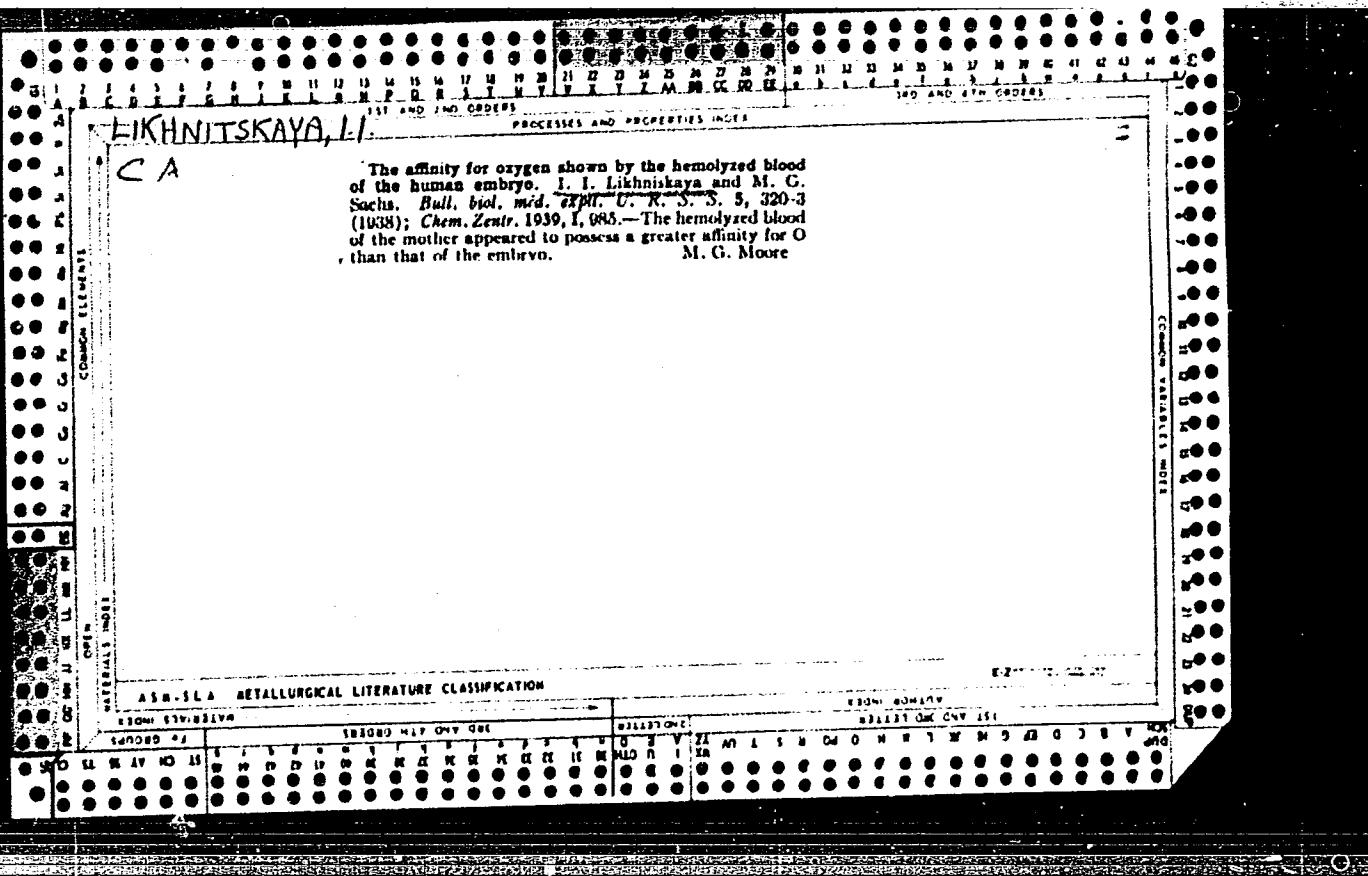
CIA-RDP86-00513R000929910018-2

LAMIN, P.Z., inzh.; LIKHMAN, V.P., inzh.; STRELETS, S.V., inzh.;
YURTAYEV, A.V., Inzh.

Automatic control of lubrication. Mekh. i avtom. proizv. 19 no.4:
37-38 Ap '65. (MIRA 18:6)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000929910018-2"



LIKHNITSKAYA, I.I.

Conference on the problem of compensatory adaptations.
Fiziol. zhur. 44 no.8:785-788 Ag '58
(ADAPTATION (BIOLOGY))
(MIRA 11:10)

LIKHNITSKAYA, I.I. (Leningrad)

Conference on problems of clinical physiology. Fiziol. zhur. 45
no.10:1288-1290 O '59. (MIRA 13:2)
(MEDICAL RESEARCH--CONGRESSES)

KHVILIVITSKAYA, Mariya Iosifovna. Prinimali uchastiye: ADAMOVA, A.V.; BO-GOMAZOVA, V.P.; KALININA, Ye.V.; LIKHENITSKAYA, I.I.; MIKIRTUMOVA, Ye.V.; MIKHAYLOVA, N.F.; NIKIFOROVÁ, O.A.; SADOV'YEV, A.I.; SEL'KOV, Ye.A.; SOBOLEVA, A.V.; UL'YANOVA, L.S.; KHRUSTINA, S.B.; DEMBO, A.G., red.; KHARASH, G.A., tekhn. red.

[Adjustment of the body following pulmonary resection] O prispobor-
bliaemosti orgnizma posle rezektsii legkogo. Leningrad, Gos. izd-
vo med. lit-ry Medgiz, 1960. 170 p. (MIRA 14:9)

1. Kollektiv klinicheskogo otdela Leningradskogo nauchno-issledova-
tel'skogo instituta ekspertizy trudosposobnosti i organizatsii truda
invalidov (for all except Khvilivitskaya, Dembo, Kharash).
(LUNGS—SURGERY)

GEORGIYEVSKAYA, Lidiya Matveyevna; LIKHNITSKAYA, I.I., red.; KHARASH,
G.A., tekhn. red.

[Regulation of gas exchange in chronic cardiac and ventilation insufficiency; transport of gases by the blood] Regulistsiya
gazooobmena pri khronicheskoi serdechnoi i ventilatsionnoi nedostatochnosti; transport gazov krov'iu. Leningrad, Gos.izd-vo
med. lit-ry. Leningr. otd-nie, 1960. 223 p. (MIRA 14:5)
(RESPIRATION) (HEART FAILURE) (LUNGS--DISEASES)

LIKHNITSKAYA, I.I., Leningrad

Conference on problems of water and salt metabolism. *Fisiol.zhur.*
46 no.6:771-773 Je '60. (MIRA 14:2)
(METABOLISM—CONGRESSES)

LIKHNITSKAYA, I.I.; MIKIRTUMOVA, Ye.V.; SAZONOV, K.N.; GERASIN, V.A.

Methods for determining the minute volume of the blood in physiological
and clinical investigations. Fiziol. Zhur. 46 no. 7:883-886 J1 '60.
(MIRA 13:8)

1. From the clinico-experimental Department, Institute of the
Work Capacity Expertise and the Invalid Labour Organization,
and the Chair of Hospital Surgery of the Pavlov Medical Institute,
Leningrad.

(BLOOD VOLUME)

LIKHNITSKAYA, I.I., dotsent

Characteristics of the hemodynamics in hypertension in elderly
and senile persons. Trudy LIETIN no.4•113-123 '60.

(MIRA 16:2)

(GERIATRICS) (HYPERTENSION)
(BLOOD—CIRCULATION, DISORDERS OF)

LIFKHNITSKAYA, I.I., dotsent

Characteristics of the respiratory function in elderly and senile persons. Trudy LIETIN no. 4:63-70 '60. (MIRA 16:2)
(GERIATRICS) (RESPIRATION)

KHVILIVITSKAYA, Mariya Iosifovna. Prinimali uchastiye: LIKHNITSKAYA,
I.I., dots.; KANAYEV, N.N.; KANAYEV, I.N.; KLEMOV, S.P.,
red.

[Methodological fundamentals of disability evaluation
expertise in chronic nontuberculous diseases of the lungs]
Metodicheskie osnovy ekspertizy trudosposobnosti pri khro-
nicheskikh netuberkuleznykh zabolеваниях legkikh. Lenin-
grad, Meditsina, 1964. 150 p. (MIRA 17:11)

1. Zaveduyushchaya otdeleniyem funktsional'nykh metodov
issledovaniya Leningradskogo nauchno-issledovatel'skogo
instituta ekspertizy trudosposobnosti i organizatsii truda
invalidov (for Likhnitskaya).

SHKULOV, V.L., assistent; LIKHNITSKAYA, J.I., dotsent; PUGINA, N.S.,
assistant

Importance of the sex factor in age-related changes in the respiratory capacity of the lungs. Trudy LIETIN no.16:250-261 '64.

(MIRA 19:1)

1. Karagandinskiy meditsinskiy institut (for Shkulov). 2. Lenigradskiy nauchno-issledovatel'skiy institut ekspertizy radiospeschnosti i organizatsii truda invalidov (for Likhnitskaya). 3. Gosudarstvennyy institut dlya usovershenstvovaniya vrachey im. S.M. Kirova (for Pugina).

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