

KACHANOVA, N.A.; UMED'YAN, V.V.

Acceleration of the convergence of an inertial process in the solution of a problem on electrical calculation of a steady-state condition in complex electric power systems. Trudy Inst. elektrotekh. AN URSS no.19:45-53 '62. (MIRA 16:5)

(Electric power distribution)

KACHANOVA, N.A.; UMED'YAN, V.V.

Determination of distribution coefficients in complex electric
power systems using computers. Trudy Inst. elektrotekh. AN
URSR no.19:54-64 '62. (MIRA 16:5)

(Electric power distribution)

KACHANOVA, N.A.

Methodology for calculating mutual and self-impedances of
electric power systems using digital computers. Trudy Inst.
elektrotekh. AN USSR no.19:65-78 '62. (MIRA 16:5)

(Electric power distribution)

KACHANOVA, N.A.; (Kiyev); UMED'YAN, V.V. (Kiyev)

Calculation of the steady-state conditions of complex electric
power systems using the "Ural-2" computer. Izv. AN SSSR. Energ.
i transp. no. 4, 466-474. J1-Ag '63. (MIRA 16:11)

KACHANOVA, N.A. (Kiyev); UMED'YAN, V.V. (Kiyev)

Programming and calculation of constant operating modes of complex electric power systems. Avtomatyka 8 no.4:63-64 '63. (MIRA 16:10)

KACHANOVA, Nina Andreyevna, kand. tekhn. nauk; KASHPROVSKIY, S.Ye.
[Kashprovs'kiy, S.IE.], inzh., retsenzent;

[Electrical design of composite power systems using
digital computers] Elektrychnyi rozrakhunok skladnykh
energosiستم na tsifrovyykh obohysliuval'nykh mashynakh.
Kyiv, Tekhnika, 1964. 111 p. (MIRA 17:6)

PUKERNIK, L.V., doktor tekhn. nauk, otv. red.; KACHANOVA, N.A.,
kand. tekhn. nauk, red.; MILYAKH, A.M., doktor tekhn. nauk,
red.; KHRUSHCHOVA, Ye.V., kand. tekhn. nauk, red.

[Computer technology in the design and operation of electric
power systems] Vychislitel'naia tekhnika v proektirovanii i
ekspluatatsii energosistem. Kiev, Izd-vo "Naukova dumka,"
1964. 126 p. (MIRA 17:7)

1. Akademiya nauk URSR, Kiev. Institut elektrodinamiki.

KACHANOVA, N.A., kand. tekhn. nauk

Program for the electrical calculation of the steady operation of
large electric power systems using the "Ural-2" computer. Energ. i
elektrotekh. prom. no.2:13-15 Ap-Je '64. (MIRA 17:10)

ARTICLE 1. GENERAL PRINCIPLES

1.1. The purpose of this document is to provide a general overview of the principles of engineering design.

1.2. The design process is a systematic approach to the creation of a product or system.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519810020-5

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519810020-5"

KACHANOVA, N.A. (Kiyev); UMED'YAN, V.V. (Kiyev)

Complex program of the calculation of the dynamic stability of
a complex power system for the "Ural-2" computer. Avtomatyka 9
no.5:86-87 '64. (MIRA 18:2)

KACHANOVA, N.A., kand. tekhn. nauk.

Calculations of stationary electrical conditions in the power system
of the Ukrainian S.S.R. using the "Ural-2" digital computer. Energ.
i elektrotekh. prom, no. 2:6-8 Ap-Te '65.

(MIRA 18:8)

TSUKERNIK, L.V., doktor tekhn. nauk; KACHANOVA, N.A., kand. tekhn. nauk;
UMED'YAN, V.V., inzh.; AVRAMENKO, V.N., inzh.

Program for the analysis of the dynamic stability of complex
electric power systems using electronic digital computers.
Energ. i elektrotekh. prom. no.4:3-4 O-D '65.

(MIRA 19:1)

KACHANOVA, N.A., kand. tekhn. nauk; BARANOV, G.L., inzh.;
OSTROVSKAYA, A.V., inzh.

Use of the "Ural-2" digital computer in calculation of the
steady operation of a complex electric power system without
the reduction of network elements to one voltage stage.
Energ. i elektrotekh. prom. no.4:4-6 O-D '65.

(MIRA 19:1)

OZEROVA, M.I.; KACHANOVA, N.N.; YEGOROVA, Ye.I.

Thermographic study of manganese ammonium sulfate and of an isomorphic mixture of manganese ferrite composition. Vest.Mosk.un. Ser.2:Khim. 18 no.1:15-37 Ja-F '63. (MIRA 16:5)

1. Kafedra obshchey khimii Moskovskogo universiteta.
(Manganese ammonium sulfate) (Ferrates) (Thermal analysis)

ANTSIFEROV, M.S., kand.fiziko-matematicheskikh nauk; KAZAMANOV, Yu.G., inzh.;
KACHANOVA, N.S.; PEREVERZEV, L.B.

ShShG-1 and ShShG-2 mine geophones for use in boreholes. Nauch.
soob. IGD 17s135-140 '62. (MIRA 16:7)
(Geophone)

KACHANOVA, S. G.

PA 1/50T42

USSR/Medicine - Pathology Societies

May/Jun 49

"News From the Gverdlovsk Municipal Society of Doctors Specializing in Pathological Anatomy and Pathophysiology," S. G. Kachanova, Secy, 1 p

"Arkh Patol" No 3

Notification of the organization of the society in Gverdlovsk and the election of officers; Pres, Prof Ya. G. Ushanskiy; Vice-Presidents Prof. A. I. Kodov and Prof A. I. Tudeelis; Treas, V. A. Bahit'yarov, Cand Med Sci, and Secy, S. G. Kachanova. Four monthly meetings of the society 1/50T42

USSR/Medicine - Pathology (Contd) May/Jun 49

have been held. Some of the reports read are: Ya. G. Ushanskiy's "The Doctrine of Nichurin and Lysozo and Its Importance in Pathology," V. A. Mikhaylov's "Muscle Tonus of the Lungs in the Light of Comparative Physiological Studies," and S. G. Kachanova's "The Study of the Effect of Some Antiblastomogenic Substances."

1/50T42

KACHANOVA, S. G.
USSR/Medicine - Oncology

FD-2433

Card 1/2 Pub 17-16/21

Author : Kachanova, S. G.

Title : Effect of the binding of sulfhydryl groups on the process of producing malignancy in tissues.

Periodical : Byul. eksp. biol. i med. 39, 62-64, Jan 1955

Abstract : Recent clinical and laboratory experiments have shown that various influences acting on the nervous system affect the development of tumors. The great importance of protein groups, especially those of sulfhydryl, for enzymatic conversion, and the effect of nervous processes on the tissues, has also been established. Author studied the effect of compounds capable of forming sulfhydryl groups, on the genesis and development of skin cancers in mice by painting their skins with synthetic 9,10-dimethyl-1,2-benzanthracene. All mice were painted with this, but two groups were also painted with benzene and/or blastomogenic substances. The first group developed papillomas, many of them died. The second and third groups were less affected. Evidently the binding of

Card 2/2

FD-2433

sulphydryl groups disturbs both chemo-reception and the further transformation of irritations by blastomogenic agents which prevents changes in nerve-regulating and neurotrophic activities essential in the pathogenesis of tumors. 5 references: 4 USSR, 4 since 1940. Graphs, illustrations.

Institution: Chair of Pathophysiology (Head, Prof Ya. G. Uzhanskiy) Sverdlovsk Medical Institute

Submitted : May 30, 1954

USSR/Human and Animal Physiology (Normal and Pathological).
Blood. Hemopoiesis.

T-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74624

Author : Kachanova, S.G.

* Inst

Title

: On the Significance of the Sinocarotie Zones and Depressor Nerves in the Regulation of Hemopoiesis (According to Data of Investigations with Labeled Atoms.)

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, No 1, 11-13

Abstract : In conditions of denervation or removal of the carotid sinuses after a depressor neurotomy in rabbits (43), an increase was noted of blood pressure, a decrease of Hb and of the number of erythrocytes (E) with a simultaneous reticulocytosis. The normalization of the blood composition occurred in 1-1½ months. In separate cases polyglobulia appeared after the anemic stage. No regular connections were noted between the changes of the blood picture and the

Card 1/3

* [Z KAFEDRY PATOLOGICHESKOY FIZIOL
LOGII, SVERDLOVSKOGO MEDITSINSKOGO IN-
STITUTA.

- 22 -

USSR/Human and Animal Physiology (Normal and Pathological).
Blood. Hemopoiesis

Abs Jour : Ref Zhur - Biol., No 16, 1958, 74624

blood pressure. After the introduction in a vein of healthy rabbits (6) of a quantity of 25-30 microcuries of ascorbate Fe⁵⁹, in 1½-2 hours, 25-30% of the Fe introduced was determined in the blood, in 5-24 hours 15-17%, in 2 days - 40-45%, and in individual cases up to 60%. After bleeding 4-5% Fe was preserved in the blood of rabbits (10); toward the 8-10th day it increased up to 97% of the original quantity. The same features of assimilation of Fe were observed in animals undergoing an operation; in the latter, however, a higher number of Fe⁵⁹ appeared, which rapidly disappeared from the plasma and appeared in the blood in the composition of Hb of newly formed E. The increase of the content of Fe in the blood testifies to the fact of an increase of the regeneration of the blood in the animals operated on which confirms the growth of the number of E, of reticulocytes and Hb at the

Card 2/3

USSR/General Problems of Pathology - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., No 21, 1956, 98180

Author : Kachanova, S.G.

Inst : -

Title : Excretion of Ether-Bound Sulfuric Acid in the Urine of Patients with Carcinoma.

Orig Pub : Vopr. med. khimii, 1956, 2, No 4, 252-254.

Abstract : Excretion of inorganic H_2SO_4 (I) and ether-bound H_2SO_4 (II) in single and daily (24hr) quantity of urine was studied in patients with carcinoma (PC), healthy, pregnant and patients with noncarcinomatous diseases. Concentration of II, on the average, in healthy is 8.7 mg%, in the pregnant 7.9 mg%, in PC 2.7 mg%. In relation to total H_2SO_4 I - 18.3, 13.1 and 5.6 % respectively. It is supposed that reduction of I excretion is connected with disturbance of fermentive transformations and the metabolism of S-containing compounds in the organism of PC. -- I.S.

Keyfel'd

Card 1/1

Chair Pathological Physiology -

- 25 - Sverdlovsk Med Inst

UZHANSKIY, Ya.G., prof., KACHANOVA, S.G., dots., TOLSTOUKHOVA, L.I., dots.

Fifth conference of the Ural branch of the All-Union Society of
Pathophysiologicals. Pat.fiziol. i eksp.terap 2 no.3:60-62

My-Je '58

(MIRA 11:7)

(PHYSIOLOGY, PATHOLOGICAL)

KACHANOVA, S.G., dotsent

In the Sverdlovsk Society of Pathophysiologists (1957-1959).
Pat. fiziol. i eksp. terap. 5 no.2:82-83 Mr-Ap '61. (MIRA 14:5)

1. Sekretar' Sverdlovskogo gorodskogo obshchestva patofiziologov.
(SVERDLOVSK--PATHOPHYSIOLOGICAL SOCIETIES)

UZHANSKIY, Ya.G., prof.; KACHANOVA, S.G., dotsent

Sixth Conference of the Ural Branch of the All-Union Society
of Pathophysiologists. Pat. fiziol. i eksp. terap. 6 no. 6:
89-92 N-D '62. (MIRA 17:3)

1. Predsedatel' Ural'skogo filiala Vsesoyuznogo obshchestva
patofiziologov (for Uzhanskiy). 2. Sekretar' Ural'skogo filiala
Vsesoyuznogo obshchestva patofiziologov (for Kachanova).

KACHANOVA, S.G.

In the Society of Pathophysiologists of the City of Sverdlovsk.
Pat. fiziol. i eksp. terap. 8 no.1:86-88 Ja-F '64.

(MIRA 18:2)

1. Sekretar' Sverdlovskogo gorodskogo obshchestva patofiziologov.

UZH/NSKIY, Ya.G.; KACHANOVA, S.G.; TROFIKOVA, Z.G.

Brief news. Pat. fiziol. i eksp. terap. 8 no.1:91 Ja-F '64.

(MIRA 18:2)

UZHANSKIY, Ya.G.; KACHANOVA, S.G.; TIKHACHEK, Ye.S.

Conference of the Ural Interregional Society of Pathophysiologists.
Pat. fiziol. i eksp. terap. 9 no.2:87-89 Mr-Apr '65. (MIRA 18:5)

KACHANOVA, Ye.B.

"Effective method of returning recovered dust to the rotary kiln (Rock Products, June 1954, p. 145-146)." A.Krabbe. Reviewed by E.B.Kachanova. TSement 21 no.1:31 Ja '55. (MIRA 8:4)
(Cement kilns) (Krabbe, A.)

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5290

Author: Kachanova, Ye. B.

Institution: None

Title: The English Cement Industry

Original

Publication: Tsement, 1956, No 3, 30-31

Abstract: A survey of the English cement industry. Manufactured varieties of cement: Portland cement, fast-setting, low-thermal, slag-Portland cements, alumina-containing. Production of cement during 1955, by 80 enterprises, 13 million tons. Consumption per capita, in 1954, 202 kg. Average yearly output of cement per worker, in 1954, 975 tons.

Card 1/1

KACHANOVA, Ya.B., inzhener; DRABKIN, G.S., inzhener.

Cement industries in the German Federal Republic. (From foreign
journals). TSement 22 no.4:28-31 J1-Ag '56. (MLRA 9:10)

(Germany, West--Cement industries)

KACHANOVA, Ye.B., inzhener.

Cement industries in Belgium, Italy and India (from foreign journals).
TSement 22 no.5:31-32 S-O '56. (MIRA 10:1)
(Belgium--Cement industries) (Italy--Cement industries)
(India--Cement industries)

KACHANOVA, Ye.B., referent.

Latin American cement industry. Abstract by E.B.Kachanova. *Tsment*
22 no.6:29 H-D '56. (MLRA 10:2)
(Latin America--Cement industries)

SOV/101-59-1-9-10

AUTHORS: Drabkin, G. S., and Kachanova, Ye., Engineers
TITLE: From the Pages of Periodicals (Po stranitsam zhurnalov)
PERIODICAL: Tsement, 1959, Nr 1, pp 29 - 31 (USSR)
ABSTRACT: Seven new articles in foreign periodicals (2 English, 4
German, 1 Swedish) are evaluated with short descriptions of
each.
There are 2 diagrams.

Card 1/1

KAGEANOVA, Ye.B., inzh.

From the pages of journals. Tsement 26 no. 6:31 N-D '60.

(MIRA 13:12)

(Cement industries)

KACHANOVA, Ya.B.; KUDRYAVTSEV, A.S.; LUR'YE, Yu.S., kand. tekhn. nauk,
dots., nauchnyy red.; STAROVAYTOV, I.F., red. izd-va;
VORONETSKAYA, L.V., tekhn. red.

[Cement-production techniques in the United States] Tekhno-
logia proizvodstva tsementa v SShA. Leningrad, Gos.izd-vo lit-
ry po stroit., arkhit. i stroit. materialam, 1961. 99 p.
(MIRA 15:1)

(United States--Cement industries)

KACHANOVA, Ye.B., inzh.

From the pages magazines. Tsement 27 no.5:31 S-0 '61.
(MIRA 14:12)

(Cement plants)

KACHANOVA, Ye.B., insh.

From the pages of magazines. Tsement 28 no.1:24 Ja-F '62.
(MIRA 16:5)

(Cement plants--Equipment and supplies)

KACHANOVA, Ye., inzh.

From the pages of magazines. Tsement 28 no.3:23 My-Je '62.
(MIRA 15:7)
(Cement industries)

KACHANOVA, Ye.B., insh.

From the pages of foreign magazines. TSement 29 no.1:23-24 Ja-F '63.
(MIRA 16:2)

(Cement industries—Periodicals)

KACHANOVA, Ye. B., inzh.

From the pages of foreign periodicals. T Sement 29 no.2:23
Mr-Ap '63. (MIRA 16:4)

(Cement plants—Equipment and supplies)

KACHANOVA, Ye.B., inzh.

From the pages of foreign magazines. Tsement 29 no.3:23
My-Je '63. (MIRA 17:1)

KACHANOVA, Ye., inzh.

From the pages of foreign magazines. TSement 29 no.5:23
S-0 '63. (MIRA 16:11)

KACHANOVA, Ye.B., Inzh.

Through the pages of foreign magazines. Tsement 30 no.5:23-24
S-U '64. (MIRA 17:12)

KACHANOVA, Ye. V.

Demidova, P.N.; Maslennikova, G.M.; and KACHANOVA, Ye. V.

"Morphology of the Blood in Burns," Khirurgiya, pp 22-26, No 4, 1949.
Leningrad Sci. Res. Inst. of First Aid.

Translation M-420, 6 May 55

KACHANOV

12

Rapid determination of citric acid in milk. B. Kachanov. Myasnaya i Molochnaya Prom. 1947, No. 11, 100-9.

The method is based on formation of pentabromocetone and its detn. To 25 cc. milk there are added 10 cc. 10% phosphomolybdic acid and 10 cc. 10% H₂SO₄, the curdled milk is immediately filtered, the ppt. is washed with 30-40 cc. cold H₂O, the filtrate is treated with 10 cc. 5 N H₂SO₄ and 1 cc. satd. KBr, then 5-7 cc. 5% KMnO₄ is slowly added until a stable brown color is established. The mixt. is kept at 45° until free Br vapors disappear, and the cooled mixt. is treated with satd. FeSO₄ until colorless (a ppt. of pentabromocetone remains visible). The mixt. is extd. with 3 portions of 15-20 cc. Et₂O, and the ext. is concd. to 8-10 cc., after which it is treated with 20 cc. 95% EtOH and 8 cc. 70% AcOH, then heated to 40-5°, and treated with 10 cc. 20% aq. NaI. The mixt. is heated on a 70° water bath for exactly 5 min., cooled rapidly, dild. at least to 20-25 vols. with H₂O, and is titrated with 0.1 N Na₂S₂O₄ to a pale yellow color; then 0.5-1.0 cc. fresh 1% starch soln. is added, and titration is continued to complete decolorization. A blank is run in parallel. One cc. 0.1 N Na₂S₂O₄ is equiv. to 3.501 mg. citric acid. The method gives accurate results with max. deviations being on the order of 0.57 mg. citric acid in duplicate samples. In expts. in which a known amt. of citric acid was added to milk samples, the detns. were within 0.3 mg. of the actual amt. present. G. M. K.

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

LITERATURE INDEX										COMMON ELEMENTS									
SYMBOLS										SYMBOLS									
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z										A B C D E F G H I J K L M N O P Q R S T U V W X Y Z									

KACHANOVA, YE YE

Elimination of vitamin C with milk in dependence on ability of the organism to synthesize ascorbic acid. R. I. Kadykov, E. E. Kachanova, and M. A. Pogoreliko (Sanit. Hyg. Research Inst., Leningrad). *Doklady Akad. Nauk S.S.S.R.* 104, 792-4 (1955). Women with vitamin C deficiency produce milk with a very low ascorbic acid content; addn. of the vitamin to the diet rapidly brought up the content of it in the milk; guinea pigs gave a very rapid response to added vitamin C in a similar expt. Goats, dogs, and rabbits gave much weaker responses to the added vitamin. Thus, animals which synthesize ascorbic acid do not eliminate it in significant amts. in milk. G. M. K.

MD

KACHANOVA, Ye.Ye., GORBACHEVA, M.A., PETROCHENKO, N.A., KHOLODOX, A.N.

Hygienic evaluation of storage conditions and quality of breast milk at a donor center [with summary in English]. *Pediatrics* 36 no.10:14-20 0 '58 (MIRA 11:11)

1. Iz sanitarno-epidemiologicheskoy stantsii Dzerzhinskogo rayona Leningrada.

(MILK, HUMAN,

donor centers, determ. of milk quality & hyg. evaluation of storage cond. (Rus))

NASHAIKOVA, Ye. M., IGOROVNO, N. A.

"General rules of vitamin C secretion in regard to milk and their
hygienic significance."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

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S/020/60/135/003/035/039
B004/B060

24.7700

1043, 1136, 1151

AUTHORS:

Kachanova, Zh. P., Voyevodskiy, V. V., Corresponding
Member of the AS USSR, and Purnal', A. P.

TITLE:

Electrical Conductivity of MnO₂¹ Semiconductors¹ in the
Course of CO Oxidation 21

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 3,
pp. 648 - 650

TEXT: The authors attempted to find out whether the electron properties of a semiconductor catalyst undergo any changes during reaction processes. The study was conducted on the catalysis of CO oxidation by means of MnO₂. A continuous-operation apparatus was used for the purpose. The resulting CO₂ was frozen out, and the electrical conductivity of MnO₂ was measured during the process of catalysis. The measurement of the Hall effect and thermo-emf made by T. I. Kolomenskaya at the Fizicheskiy institut AN SSSR (Institute of Physics of the AS USSR) showed that MnO₂ is an n-type semiconductor. Two stages were distinguished in the training of the catalyst. The catalytic activity is low at the beginning, but

Card 1/2

KACHANOVA, Zh.P.; PURMAL', A.P.

Catalase-active systems. Part 4. Zhur. fiz. khim. 38 no.1:
200-201 Ja'64. (MIRA 17:2)

1. Institut khimicheskoy fiziki AN SSSR.

KACHANOVA, Zh.F.; PURMAL', A.P.

Study of catalase-active systems. Part 6. Zhur. fiz. khim. 38
no.4:1041-1044 Ap '64. (MIRA 17:6)

1. Akademiya nauk SSSR, Institut khimicheskoy fiziki.

KACHANOVA, Zh.P.; PURMAL', A.P.

Catalase-active systems. Part 8. Zhur. fiz. khim. 38 no.10:2483-
2485 0 '64. (MIRA 18:2)

1. Institut khimicheskoy fiziki AN SSSR.

KACHANOVA, Zh.P.; PURMAL', A.P.

Catalase-active systems. Part 9. Zhur. fiz. khim. 38 no.10:2506-
2508 0 '64. (MIRA 18:2)

1. Institut khimicheskoy fiziki AN SSSR.

AZIMOV, A.A.; GRIBACHEV, A.A.; YEVTUSHENKO, Yu.I.; YEPIMAKHOV, N.M.;
KACHANOVICH, L.L.

Studying the travel mechanism of the door extractor with various
systems of speed regulation. Koks i khim. no.10:51-58 '63.
(MIRA 16:11)

1. Konstruktorskoye byuro Koksokhimmash (for Azimov, Gribachev,
Yevtushenko). 2. Bagleyskiy koksokhimicheskiy zavod (for
Yepimakhov, Kachanovich).

КАЧАНОВСКАЯ, И.С.

SERGIYEV, V.V.; KACHANOVSKAYA, I.S.

Treatment of the reaction pulp for production of spongy titanium.
Biol. TSIN tsvet. met. no. 4:20-23 '58. (MIRA 11:5)
(Titanium)

KACHANOVSKAYA, I.S.

Structure of the reaction mass obtained during the production
of titanium. Zhur. prikl. khim. 36 no.11:2372-2378 N '63.
(MIRA 17:1)

1. Vsesoyuznyy alyuminiyevo-magniyevyy institut.

FILIPPOVICH, Z.S.; PETRIK, K.G., rukovoditel' raboty; AVEPIYANOV, K.G.,
rukovoditel' rabot; Prinsipalni uchastiye: KACHANOVSKAYA, Z.I.;
GANTMAN, Ya.I.; KHUSID, B.S.; GORBACHEVSKAYA, M.S.

Increasing the coefficient of utilization of fresh fruit and berries
in the winemaking, juice and liqueur-and-vodka industries. Trudy
BNIIPPT no.4:129-144 '61. (MIRA 17:10)

KACHANOVSKIY, B.D.

Hydraulic peculiarities of multi-chamber locks. Trudy Len.politekh.inst.
no. 4:147-158 '47. (MIRA 6:8)

(Locks (Hydraulic engineering))

KACHANOVSKIY, B.

D

N/5
661.4
.K12

Gidravlika Sudokhodnykh Shlyuzov (Hydraulics of Navigable
Locks) Moskva, Rechizdat, 1951.
270 P. Illus., Diagr., Tables.
Bibliography: P. 265-(266)

AB 520168.

K. KACHANOVSKIY, B.D.
KACHANOVSKIY, B.D.

Calculating complex waterways for navigation sluiceways. Trudy
LPI no.178:64-70 '55. (MIRA 10:11)
(Locks (Hydraulic engineering))

LOGINOV, F.G.; BASIVICH, A.Z.; BRLOV, A.V.; VOZNESENSKIY, A.N.; GIEBOV, P.D.;
KACHANOVSKIY, B.D.; KRAVTSOV, V.I.; LEVI, I.I.; MCHROZOV, A.A.; NOSOV,
R.P.; OKOROKOV, S.D.; PROSKURYAKOV, B.V.; STAROSTIN, S.M.; URAZOV, A.A.;
CHERTOUSOV, M.D.; CHUGAYEV, R.R.; SHCHAVELIN, D.S.; YAGH, Yu.I.

V.S.Baumgart.; obituary. Gidr.stroi. 25 no.5:58 Je '56.
(Baumgart, Vladimir Sergeevich, d.-1956)

(MIRA 9:9)

~~KACHANOVSKIY, B.D.~~
~~KACHANOVSKIY, B.D.~~

GLEBOV, P.D., prof.; LEVI, I.I., prof.; YAGN, Y.I., prof.; CHUGAYEV, R.R.,
prof.; STAROSTIN, S.M., dots.; KACHANOVSKIY, B.D., dots.;
POGORELOV, V.I., dots.

Fiftieth anniversary of the hydraulic engineering faculty of
the Leningrad Polytechnic Institute. Gidr.stroi. 27 no.2:62-63
F '58. (MIRA 11:2)
(Leningrad--Technical education)

KACHANOVSKIY, B. D.

Simultaneous emptying of the navigation lock chamber into two
basins with different water levels. Trudy LPI no.208:159-161 '60.

(MIRA 13:9)

(Locks (Hydraulic engineering))

KACHANOVSKIY, B.D.

Hydraulic calculations for lock conduits with consecutive arrangement of valves. Trudy LPI no.208:162-167 '60. (MIRA 13:9)
(Locks (Hydraulic engineering))

CHERTOUISOV, M.D.; KACHANOVSKIY, B.D.

Filling systems of large navigation locks. Kons. i ov.prom. 15 no.11:
175-181 N '60. (MIRA 13:10)

(Locks (Hydraulic engineering))

NEPOROZHNIY, P.S.; BELYAKOV, A.A.; VOZNESENSKIY, A.N.; GLEBOV, P.D.;
KACHANOVSKIY, B.D.; BASEVICH, A.Z.; TARTAKOVSKIY, D.M.;
VASIL'YEV, P.I.; ZARUBAYEV, N.V.; CHUGAYEV, R.R.; KOZHEVNIKOV,
M.P.; KNOROZ, V.S.; IVANOV, P.L.; SHCHAVELEV, D.S.; OKOROKOV,
S.D.; BELOV, A.V.; STAROSTIN, S.M.; YAGN, Yu.I.; IZBASH, S.V.

Ivan Ivanovich Levi; on his 60th birthday. Gidr. stroi. 30
no.9:61-62 S '60. (MIRA 13:9)
(Levi, Ivan Ivanovich, 1900-)

ВИТКУЛЬТУРА, И. К.

Viticulture

Vineyard on the school grounds. Est. v shkole No. 3, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

S/137/62/000/004/171/201
A154/A101

1.2300

AUTHOR: Kachanovskiy, N.Ya.

TITLE: Special resistance welders for production lines and automatic production lines

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 38, abstract 4E202 (Sb. "Avtomatiz. i mekhaniz. svarochn. proiz-va", Kiyev, 1961, 69 - 84)

TEXT: The following special welding equipment is mentioned in this review: МРПЛ-300 (MRPL-300) welder for projection welding of parts of the metal bulbs of radio tubes; the МРПК-800 (MRPK-800) for projection welding of rectangular steel parts; the МШПС-50-3 (MShPS-50-3) for welding bellows and diaphragms; the МШПК-150-1 (MShPK-150-1) for seam-welding the bodies of alkaline batteries; the МШПК-200 (MShPK-200) for seam-welding refrigerator boxes; the multiple-spot МТМ-2 x 150 (MTM-2 x 150) welder for a stator-pack production line; the multiple-spot МТМБ-6 x 100 (MTMB-6 x 100) for welding the beater of a self-propelled combine; the МСЛ-800 (MSL-800) for flash-welding sheets up to 1,000 mm wide; the МШСП-2 x 50 (MShSP-2 x 50) for butt-seam-welding sheets; the АТПА-2 x 30 (ATPA-
✓

Card 1/2.

Special resistance welders for production lines S/137/62/000/004/171/201
A154/A101

-2 x 30) automatic welder for welding the contact strip to a battery plate, a production line for making scraper conveyer chutes, a production line for making the side walls of diesel locomotives, the multiple-spot MMT-10 x 240 (MIMT-10 x 240) for welding the bodies of diesel locomotives, the 10-60 tube welder for making tubes from strip, and the ATMC-14 x 75-5 (ATMS-14 x 75-5) for welding ferroconcrete reinforcing mesh.

V. Klyuchnikova

[Abstracter's note: Complete translation]

Card 2/2

RYABUSHA, V.K.; KACHANOVSKIY, S.F.

Improving the production of effective ceramics. Stroi.mat.
5 no.2:29-31 F '59. (MIRA 12:2)

1. Glavnyy insh, Novgorodskogo kirpichnogo zavoda (for Ryabusha).
2. Nachal'nik planovogo otdela Novgorodskogo kirpichnogo zavoda
(for Kachanovskiy).
(Novgorod--Ceramics)

N L 13071-66 ENT(m)/EWP(w)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HN

ACC NR: AP5028578

SOURCE CODE: UR/0148/65/000/011/0136/0140

AUTHOR: Kidin, I. N.; Marshalkin, A. N.; Gokhberg, Ya. A.; Marchenko, V. Z.;
Mizonov, Yu. M.; Kachapin, A. A.

46
45

ORG: Moscow Institute of Steel and Alloys (Moskovskiy institut stali i splavov)

B

TITLE: Effect of the deformation of austenite prior to patenting on the properties of carbon-steel wire

SOURCE: IVUZ. Chernaya metallurgiya, no. 11, 1965, 136-140

TOPIC TAGS: carbon steel, wire, rupture strength, plasticity, metal drawing, metal heat treatment, material deformation, ultimate strength, fatigue strength

ABSTRACT: The authors present the results of an experimental method for improving the strength and plasticity of carbon-steel wire by combining its thermomechanical treatment with sorbitizing and cold deformation by drawing. In view of the difficulties that might be encountered when thermomechanical treatment is combined with deformation by drawing (possibility of rupture, etc.), the thermomechanical treatment included deformation of the austenite by rolling prior to sorbitizing. The wire was heated by the electrocontact method at the rate of 50 and 400°C/sec prior to its sorbitizing. Following thermomechanical treatment (TMO) with deformation by rolling (60% reduction of area) the strength of 2.5-mm diameter wire proved to be 28 kg/mm² higher than following conventional patenting, and there was also some increase in

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UDC: 669.14:621.771.42

2

L 13071-66

ACC NR: AP5028578

plasticity which may be attributed to the onset of initial stages of recrystallization and the formation of a polygonal structure of the α -phase. On cold drawing of patented wire following its TMO the ultimate strength continually increases with increasing draft. When the draft reaches 84%, ultimate strength rises to 260 kg/mm^2 , which is some 110% higher than immediately after TMO. The improvement in plasticity is such that the wire can be bent 25-28 times instead of 8-10 times and twisted 33-35 times instead of 8-12 times. This new method of producing high-strength wire dispenses with the need of employing the patenting process based on the use of lead and salt baths, makes it possible to obtain a wire with higher mechanical properties than following conventional patenting and cold drawing, increases by a factor of 2 or 3 the rate of heat treatment and markedly expands the possibilities for its automation. Orig. art. has: 2 tables, 4 figures.

SUB CODE: 11, 13/ SUBM DATE: 12Apr65/ ORIG REF: 004/ OTH REF: 001

Card 2/2 HW

L 32975-66 EWI(m)/EWP(k)/I/EWP(w)/EWP(t)/ETI IJP(t) JD/LW
ACC NR: AP6017521 (A) SOURCE CODE: JR/0148/66/000/001/0141/0144

AUTHOR: Kidin, I. N.; Marshalkin, A. N.; Mizonov, Yu. M.; Kachapin, A. A.

ORG: Moscow Institute of Steel and Alloys (Moskovskiy institut stali i splavov)

TITLE: The use of electrothermomechanical working in the production of high-strength wire

SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1966, 141-144

TOPIC TAGS: electric power source, hot working, high strength metal, drawing, mechanical property, carbide phase, wire, steel

ABSTRACT: A study was done on the electrothermomechanical (etmo) processing of steel wires. Micrographs of etmo wires after tempering showed oriented carbides in the working direction while the deformed austenite exhibited fragmented grains with an oriented substructure characteristic of polygonized metals. For 1 mm diameter wires, strength levels as high as 260 kg/mm² were obtained after etmo, with reductions in area of 40 to 50%. Mechanical properties are given as a function of tempering temperature (from 300 to 600°C) for different thermomechanical treatments and etmo. In no case did the amount of compressive deformation imparted by working exceed 35%. During etmo, the wires were heated 50°/sec by roller contacts operating from an ac transformer at 60 kv, drawn into wire, spray quenched and subsequently electrotempered. The strength of etmo wires was

UDC: 621.771.42:621.785

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L 32975-66

ACC NR: AP6017521

about 100 kg/mm² higher than for ordinary quench and temper treatments, due to the suppression of both carbide coagulation and recrystallization. Also, a beneficial structure orientation resulted as evidenced by x-ray patterns. Because the rapid heating maintains more carbon in solid solution, the width of the (110) and (220) lines was greater than for ordinary quench and temper treatments. Since tempering at 500°C decreased the strength from 240 to 170 kg/mm², the effects of cold working by drawing were examined as a means of obtaining better mechanical properties. With 75% deformation the yield stress rose to 240 kg/mm² with a reduction in area of 28 to 32%. Orig. art. has: 5 figures.

SUB CODE: 11/

SUBM DATE: 11Aug65/

ORIG REF: 005

Card 2/2

LLB

FEDIRKO, V.K., inzh.; KACHAR, I.A., inzh.

Head for the superfinishing of cylinders. Mashinostroenie no.68
43-44 N-D '64 (MIRA 18:2)

DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA]; KACHAR, S.V.; MEL'NIK, V.I. [Mel'nyk, V.I.]; CHUCUNNYI, Yu.G. [Chuhunnyi, I.U.H.]

Work of the geological team during the 16th voyage of the research ship "Mikhail Lomonosov." Geol. zhur. 25 no.2:97-100 '65.

(MIRA 18:6)

1. Institut geologicheskikh nauk AN UkrSSR.

KHACHIDZE, O.T.; KACHARAVA, A.V.

Quantitative change in nucleic acids on the grapevine. Soob.
AN Gruz. SSR 34 no.2:359-366 My '64. (MIRA 18:2)

KACHARAVA, I. V.

Def. at
Tbilisi State U.

საქართველოს სახელმწიფო უნივერსიტეტი
ფიზიკა-მათემატიკის ფაკულტეტი
ფიზიკის განყოფილება
თბილისი, საქართველო

277.

IX. 139643582-3375748348 3388243368

II. (გეოგრაფიკული ინჟინერული მუშაობა)
საქართველოს სახელმწიფო უნივერსიტეტი
თბილისი, საქართველო

3) მომზადებულია გეოგრაფიკული ინჟინერული მუშაობის
შედეგების ანგარიშის აქტი

277. ქვეყნის ალ. ლ. სპიტი (საბჭო. აკადემიკოსი) და
მედიკოსი, თბილისი, საქართველო. 1942, 200 12, 70
მედიკოსი, თბილისი, საქართველო. 1942, 200 12, 70
მედიკოსი, თბილისი, საქართველო. 1942, 200 12, 70
მედიკოსი, თბილისი, საქართველო. 1942, 200 12, 70

1942, 200 12, 70
1942, 200 12, 70
1942, 200 12, 70
1942, 200 12, 70

1942, 200 12, 70
1942, 200 12, 70
1942, 200 12, 70
1942, 200 12, 70

KACHAROVA, I. V.

Kacharova, I. V. "The data on the history of the geological development of the Akhaltsikh depression," Trudy Geogr. O-va Gruz. SSSR, Vol I-II, 1949, p. 5-19, (In Georgian, resume in Russian),- Bibliog: 20 items

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

KACHAROVA, I.V., otvetstvennyy redaktor; GAMKRELICZE, P.D., redaktor

[Collection of papers] Sbornik trudov. Tbilisi, 1951. 495 p.
(MLBA 10:9)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Institut geologii i
mineralogii
(Georgia--Geology)

KACHARAVA, M.V., KACHARAVA, I.V.

Georgian horizon containing *Variamussius fallax* Korebk. in the zone of Bolivia. Geol. sbor. [Lvov] no. 1:191-193 '54. (MIRA 10:1)

1. Institut geologii Akademii nauk Gruzinskey SSR, Tbilisi.
(Georgia - Foraminifera, Fossil)

GAMKRELIDZE, P.D., *otv.red.*; GVAKHARIYA, G.V., *red.*; DZOTSENIDZE, G.S.,
red.; ZARIDZE, G.M., *red.*; KACHARAVA, I.V., *red.*; RUBINSHEYN,
M.M., *red.*; TSAGARELI, A.L., *red.*; CHELIDZE, G.F., *red.*; CHI-
KHELIDZE, S.S., *red.*

[Collection of papers in honor of Aleksandr Illarionovich
Dzhanelidze] Sbornik trudov; Akademiku Akademii nauk Gruzinskoi
SSR Aleksandra Illarionovichu Dzhanelidze k semidesiatiletiiu so
dnia rozhdenia i piatidesiatiletiiu nauchno-pedagogicheskoi i
obshchestvennoi deiatel'nosti. Tbilisi, 1959. 490 p.

(MIRA 12:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Geologicheskii institut.
(Geology--Collections)
(Dzhanelidze, Aleksandr Illarionovich)

KACHARAVA, I.V.

Paleogene in Bulgaria and its connection with the analogous
sediments in Georgia. Izv. Geol. ob-va Gruz. 2 no.2:3-14 '61
(MIRA 17:7)

KACHARAVA, I.V.

Outline of the geology of the Akhaltsikhe Depression. Trudy
Geol.inst. AN Gruz.SSR.Geol.ser. 12:103-136 '61. (MIRA 1519)
(Akhaltsikhe Depression—Geology)

→ KACHANSKAYA, YE. S.; KAUSHANSKAYA, B. YE.; ROSENAL, *; SAPOZHMIKOVA, V. A.;
SINITSKIY, A. A.; ANSHELES, M. M.; GRIGOR'YEVA, N. G.

"Experience of active immunization against measles."

Report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists. 1959

KHAI, E.V.; KACHANYUK, Yu.K.; BAIK'YAN, B.A.; GANSHINA, I.V.

Producing a dull finish on capron resin during the continuous
polymerisation of caprolactam. Khim.volok. no.4:56-58 '59.
(MIRA 13:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

(Hexamethylenimine)

SOV/81-59-10-37163

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 536 (USSR)

AUTHORS: Khait, E.V., Prokof'yev, A.S., Lebedeva, A.I., Kachanyuk, Yu.K., Golubeva, Ye.V., Katorzhnov, N.D.

TITLE: Continuous Process of Manufacturing Polycaprolactam

PERIODICAL: Vestn. tekhn.-ekon. inform. Mezhotrasl. labor. tekhn.-ekon. issled. i nauchno-tekhn. inform. N.-i. fiz.-khim. in-ta im. L.Ya. Karpova, 1958, Nr 5 (10), pp 16-18

ABSTRACT: As a result of the analysis of caprone resin (determination of the content of low-molecular compounds, viscosity of the solution and the melt), which has been obtained in the continuous polymerization of ϵ -caprolactam in direct-flow (of the VK-pipe type) and in three-type (of the U-pipe type) apparatuses at 260°C in the presence of AG salt of 3 - 5% of the monomer weight, it has been found that a polymer with uniform physical-chemical properties is obtained only in apparatuses of the U-pipe type. The method of continuous polymerization of caprolactam in this apparatus can be recommended for the industrial manufacture of caprone resin.

Card 1/1

A. Volokhina

MIKHAYLOV, N.V.; GORBACHEVA, V.O.; KHAIT, E.V.; KACHANYUK, Yu.K.;
KHOKHLOVA, N.S.

Molecular structure and the physicochemical properties
of polyamide cord. Khim. volok. no.4:26-28 '63.

(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusst-
vennogo volokna.

KACHARAVA, I.V.

Boundary problems of the Oligocene and Miocene in the Gori-
Norio region. Izv. Geol. ob-va Gruz. 1 no.13-15 '59.
(MIRA 17:8)

KACHARAVA, M.I.

Two succulent plants found in the piedmont zone of eastern Georgia.
Soob. AN Gruz. SSR 36 no.3:647-653 D '64. (MIRA 18:3)

KACHARAVA, M.V.

Microfauna and stratigraphy of the limestone and marl strata of the Upper Cretaceous in the Dageva region (Trialet Range). *Sob. AN Gruz. SSR* 8 no.3:135-139 '47. (MLRA 9:7)

1. Laboratoriya mikrofauny tresta "Gruzneft", Tbilisi. Predstavlene deystvitel'nykh chlenov Akademii L.Sh. Davitashvili. (Trialet Range--Paleontology)

KACHARAVA, P. M.

7870. KACHARAVA, P. M. Sbor plodov, sortirovka I Khраниeniye. Tbilisi, Izd-vo Akad. Nauk Gruz. SSR, 1954. 72 S. Sill. 20 SM. (Akad. Naukgruz. SSR. Nauch.-popul. Seriya). 3.000ekz. 85K.-NA gruz. Yas.--(55-3514)

624.1/7:631.55/56

SO: Knizhuaya Letopis', Vol. 7, 1955

KACHARAVA, M.V., KACHARAVA, I.V.

Georgian horizon containing *Variamussium fallax* Korobk. in the zone of Bolivina. Geol. sbor. [Lvov] no. 1: 191-193 '54. (MIRA 10:1)

1. Institut geologii Akademii nauk Gruzinskey SSR, Tbilisi.
(Georgia - Foraminifera, Fossil)

KACHARAVA, M.V.; POPKHADZE, M.V.

Age of flysch deposits near the village of Gumbati. Seeb.AN
Grus.SSR 16:121-123 no.2 '55. (MIRA 9:2)

1.Akademiya nauk Gruzinskey SSR, Sektor paleobiologii i Gosu-
darstvennyy Muzey Gruzii imeni akademika S.N.Dzhanashiya.
Predstavleno deystvitel'nym chlenom Akademii L.Sh.Davitashvili.
(TSalka District--Flysch)

15-1957-3-2634

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 14 (USSR)

AUTHOR: Kacharava, M. V.

TITLE: The Question of the Globorotalia crassaeformis Zone of
the Trialet Range (O vozraste zony Globorotalia
crassaeformis trialetskego khrebta)

PERIODICAL: Vestn. Gos. muzeya Gruzii, 1956, vol 17-A, pp 5-13

ABSTRACT: The age of the volcanic rocks of the Trialet Range,
which lie between flysch and lirolepisovgy /¹¹ Term
Unknown/ beds, has been variously determined from lower
Eocene to Oligocene. Detailed study of a number of sec-
tions has led to the identification of a zone of Glo-
borotalia crassaeformis G. and W. This zone is divided
into two subzones on the northern flank of the Trialet
Range. The lower is characterized by Heterostomella
dalmatica Leibus, Globorotalia pentacamerata Subb., G.
crassaeformis G. and W., G. velascoensis Cushman, and
Cibicides mydwayensis Plummer. The upper subzone contains

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15-1957-3-2634

The Question of the Globorotalia crassaeformis Zone of the Trialet-Range

Eponides trümpyi Nutt., E. umbonatus Rss., E. sp., Hantkenina liebusi Shokhina, Globigerinoides conglobatus H. B. Brady, G. crassaeformis G. and W., G. rotundimarginata Subb., Cibicides ungerianus d'Orb., and G. sp. Below the volcanic beds there occurs the Globorotalia aragonensis zone; above it is a zone of planktonic foraminifers. The volcanic layer is considered to be Lutetian, inasmuch as the Lutetian guide fossil, Nummulites laevigatus Brug, occurs near the top of it.

Card 2/2

I. M. K.

LOBZHANIDZE, G.P.; KACHARAVA, M.V.

Stratigraphy of the Lower Paleozoic sediments of the Surami
region. Soob. AN GruzSSR 37 no.2:359-366 F '65.

(MIRA 18:3)

KACHARAVA, O. N., Cand Agr Sci -- (8iss) "Contemporary Problems
in the Application of Nitrogen Fertilizers on Tea Plantations
in the Subtropical Regions of Georgia." Tbilisi, Pub House ^{of the} Georgian
Agr Inst, 1957. 22 pp. (Min Agr USSR, Georg ^{iss} Order of Labor Red
Banner Agr Inst), 100 copies. (KL, 7-58,111)

KACHARAVA, O.N., mladshiy nauchnyy sotrudnik

Some problems of the effectiveness of nitrogen fertilizers in tea
plantations. Biol.VNIICHISK no.2:27-50 '57. (MIRA 15:5)
(Georgia--Tea--Fertilizers and manures)
(Nitrogen fertilizers)