

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk, dotsent; BONDAREVSKIY, A.S.; BONDIN, O.S.

Two-channel optimizing controller using transistors and magnetic-core elements. Trudy MEI no.50:5-24 '63. (MIRA 17:12)

L 43924-65 EMT(d)/EPT(n)-2/EMP(k)/EMP(h)/EMP(l)/EMP(v)/ Po-l/Pq-l/Pf-l/Pg-l
 PU-L/PK-L/PI-L IJP(c) WM/BQ

ACCESSION NR: AR4046577 S/0271/64/000/000/B031/B031

... .. telemekh. i vychisl. tekhn. Svedeniy tom, Abs. 88207

AUTHOR: Aleksandrovskiy, N. M., Bondarevskiy, A. S., Kuzin, R. Ye.

... .. a discrete automatic system

CITEL SOURCE: Tr. Mosk. energ. in-ta, vyb. 50, 1964, 1964

TOPIC TAGS: digital

TRANSLATION: A discrete operational unit is considered which is intended for realizing $\Delta Q = Q_2 - Q_1$ and reading the result as a binary (direct or inverse) code. The function being optimized is specified as a number of pulses successively The operational unit is based on a binary reversible count- translator

[Card 1/2

L 3924-65

ACCESSION NR: AF404577

and pulse-number outputs. The operational unit was developed for a two-channel discrete step-type automatic optimization system with a dependent gradient-type

illustrations. Bibliography: 5 titles.

SUB CODE: DP, DI

ENCL: 00

Card 2/2

SOURCE: AUTOMATIC CONTROL SYSTEMS, PROCEEDINGS OF THE 1965 AUTOMATIC CONTROL SYSTEMS CONFERENCE, 1965, 10012-7.

TOPIC TAGS: automatic control system, automatic optimizer, transistorized optimizer, iterative optimizer, 16 channel optimizer, automatic search hydrocarbon dehydrogenation

ABSTRACT: As understood by the authors of this article, automatic optimizers, which are a variety of self-adjusting systems, are used to find the optimum by the probe method the exact upper or lower limit of the function of one or several variables in a previously assigned closed region. It is noted that this problem has been under study for many years. The authors state that the automatic optimizer it is not strictly defined.

Card 1/4

L 35422-65

ACCESSION NR: AT4045207

fied. The significance of the optimum index Q is explained, along with the case of the automatic

the fact that the object of optimization has two channels). Cases are described in which the linear links of the object channels are described by

1042450

ACCESSION NR ATOM 5207

... are plotted. The automatic optimizer developed on the basis of these calculations is ~~essentially~~ reliable ferrite-transistor elements, with the discreteness of the operational blocks determining the overall discrete character of the optimizer arrangement. The latter may be described as a twin-channel extremal regulator with

is also described. The actual working ... optimizer was assembled ... an extensive per-

End 3-4

L 35422-65

ACCESSION NR: AT4045207

SUBMITTED: 00

NO REF SOV: 010

ENCL: 00

SUB CODE: IE, EC, OC

OTHER: 000

Card 4/4

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk, dot:ent; YEGOROV, S.V.; KHUBERYAN, I.I.

Use of an analog computer in the construction of an adaptive system
model. Trudy MEI no.59:65-76 '65. (MIRA 18:10)

ALEKSANDROVSKIY, D.M., kand.tekhn.nauk, dotsent; YEGOROV, S.V.

Problems of the construction of adaptive control systems. Trudy
MEI no.59:9-42 '65. (MIRA 18:10)

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk. dotsent; YEGOROV, S.V.; MESHALKIN, V.P.

Predictive automatic control systems using dynamic models for one
class of objects. Trudy MEI no.59:85-102 '65.

(MIRA 18:10)

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk, dotsent; KUZIN, R.Ye.

Special features of automatic optimizers for a certain class of
industrial objects. Trudy MEI no.59:115-140 '65.

(MIRA 18:70)

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk, dotsent; MADZHAROV, N.Ye.

Study of single-dimensional "gradient-type" automatic optimization
systems with presence of interference. Trudy MEI no.59:175-184 '65.
(MIRA 18:10)

ALEKSANDROVSKIY, N.M., kand.tekhn.nauk, dotsent; KHARITONOV, A.N.

Use of computers in the control of complex industrial processes.
Trudy MEI no.59:185-194 '65.

(MIRA 18:10)

L 2613-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1) IJP(c) BC

ACCESSION NR: AP5019720

UR/0144/65/000/007/0733/0739

621.395.385

AUTHOR: Aleksandrovskiy, N. M. (Candidate of technical sciences, Docent);
Madzharov, N. Ye. (Engineer) 55

TITLE: Investigation of one class of extremal sampled-data systems under random-noise conditions

SOURCE: IVUZ. Elektromekhanika, no. 7, 1965, 733-739

TOPIC TAGS: automatic control theory, sampled data automatic control 9,55

ABSTRACT: An automatic-control system in which the sampled signal is used for both controlling the actuator and forming the control law is theoretically considered. It is assumed that: The plant is first-order linear; The sampling period is much longer than the total time of control operations. It is found that considerable deviations from the absolute optimum do not seriously affect system

Card 1/2

Card 2/2

L 25523-66 EWT(d)/EWF(v)/EWP(k)/EWP(h)/EWP(1)
ACC NR: AR6008994 SOURCE CODE: UR/0271/65/000/010/A018/A018

AUTHORS: Aleksandrovskiy, N. M.; Madzharov, N. Ye.

TITLE: Investigation of one dimensional 'gradient' systems of automatic optimization under noisy conditions

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 10A131

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 59, 1965, 175-183

TOPIC TAGS: optimal automatic control, automatic control design, automatic control theory, signal noise separation, error correction, statistic analysis

ABSTRACT: The main indices of the quality of the gradient system for automatic optimization can be the mathematical expectation and the dispersion of the output channel. The indices are functions of the parameters of the controlling part of the system, that is functions of the coefficients of the working and trial steps. An additional correcting automatic optimization system is introduced to effect automatic choice of the parameters on the basis of minimization

Card

1/2

UDC: 62-506

L 25523-66

ACC NR: AR6008994

of the certain statistical quality criterion of the control system. The automatic optimization system with correcting unit includes the block for the analysis of the statistics, a block for the quality criterion, and an automatic optimizer for the adjustment of the parameters, whose output acts on the settings of the coefficients of trial and working steps. The statistics-analysis block calculates the mathematical excitation and the dispersion of the output coordinate, the quality-criterion block calculates the statistical criterion of quality in accordance with a specified algorithm. 6 illustrations. V.L. [Translation of abstract]

SUB CODE: 13.

PB

Card

2/2

L 07206-67 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) GD
 ACC NR: AT6022698 SOURCE CODE: UR/0000/66/000/000/0312/0325

AUTHOR: Aleksandrovskiy, N. M.; Yegorov, S. V.

ORG: none

TITLE: Self-adjusting models using statistical information about the plant

SOURCE: Moscow. Institut avtomatiki i telemekhaniki. Samoobuchayushchiyesya avtomaticheskkiye sistemy (Self-instructing automatic systems). Moscow, Izd-vo Nauka, 1966, 312-325

TOPIC TAGS: automatic control theory, statistics, self adaptive control

ABSTRACT: Self-adjusting models are now used as (1) sensors of characteristics, (2) sensors of dynamic states (present or future), and (3) correcting devices. However, there are at present no unified principles for designing models of such systems; this hinders their use in automatic control systems. Self-adjusting systems of the search type are commonest, but they consume much time, are critical with respect to rate of change of characteristics; therefore non-search models are of interest. The adjustment data they require result from processing a larger volume of information about plant and model than do search-type models; this also leads to more equipment. Dynamic models usually require analysis and determination of the plant's dynamic characteristics, and synthesis thereof in a special dynamic characteristic synthesizer. Analysis and synthesis are automatic by means of a self-adjusting model. The plant

Card 1/2

L 07206-67

ACC NR: AT6022698

simulator we will assume (1) to be linear with one input $x(t)$ and output $y(t)$, while (2) input $x(t)$ is a stationary random function of average zero value and limited power. In practice (1) and (2) may be somewhat relaxed. The problems in designing a self-adjusting model involves finding a system of dynamic elements reducing mean square error between input and output. Synthesizers, analyzers, and multiplying-averaging devices are studied. Conclusions reached deal with 3 methods and 5 components of self-adjusting models. Orgi. art. has: 38 formulas and 8 figures.

SUB CODE: 09/ SUBM DATE: 02Mar66/ ORIG REF: 007/ OTH REF: 005
12/

Card 2/2 11b

SOV/112-57-9-18976

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 9, p 139 (USSR)

AUTHOR: Namitokov, K. A., Alesandrovskiy, N. N.

TITLE: Electric-Spark Method of Preparing Hard-Alloy Dies. or the "Method of a Reverse Cone" (Elektroiskrovyy sposob izgotovleniya tverdosplavnykh volok "po metodu obratnogo konusa")

PERIODICAL: Inform.-tekhn. sb. M-vo elektrotekhn. prom-sti SSSR, 1955, Nr 84, pp 9-14

ABSTRACT: It takes 15-20 electrode-tools and 10-20 hours of work to broach a die hole in a hard-alloy billet. At the Khar'kov Electromechanical Plant, a new method has been developed, called the "method of a reverse cone," in which the ejection of metal from the anode simultaneously destroys the cathode during the process of a discharge machining. This method considerably increases productivity. The process is explained by an example, and a method is indicated of determining the size of the electrode-tool, depending on the proportionality factor of the discharge destruction of the pair of electrodes.

Card 1/2

L 41147-66

ACC NR: AR6014871

SOURCE CODE: UR/0372/65/000/U11/G016/G016

AUTHORS: Aleksandrovskiy, N. M.; Kuzin, R. Ye.

4/
8

TITLE: Characteristics of automatic optimizers for industrial objects of one class

SOURCE: Ref. zh. Kibernetika, Abs. 11G105

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 59, 1965, 115-139

TOPIC TAGS: optimal automatic control, partial derivative, filter circuit, ethyl alcohol, quality control, optimizer / DAO-1M optimizer, DAO-2 optimizer

ABSTRACT: The design characteristics of the DAO-1M²⁸ and DAO-2²⁸ automatic optimizers¹⁰ which were developed at the Department of Automation and Remote Control, MEI, are described. The optimizers are designed for seeking and maintaining the optimal value of the quality index of objects whose structural circuits can be represented as two independent dynamic channels with a nonlinear inertialess element (whose characteristics vary under the influence of uncontrollable perturbations, where the rate of change is considerably less than the speed of the transients in the dynamic channels) which is common to both channels. The apparatus for contact dissociation of alcohol to divinyl and the electrochemical low-pressure generator can be represented similarly. Step-by-step independent search by the gradient method with optimization of the working steps is adopted as the method of automatic search for an extremum, a modified process in which, after a test step in one channel, the optimizer does not

Card 1/2

UDC: 62-506:65.011.56

L 41147-66

ACC NR: AR6014871

return to the starting point but makes a test step in the other channel. Admittedly, an error equal to the value of the test step is allowed, but the measurement time of the partial derivatives of the quality index is halved. Optimal control is sought by the principle of the maximum. Optimal filtration is used to determine the partial derivatives in the presence of noise. The structural circuit of the filter is given. 14 illustrations. Bibliography of 15 citations. B. A. [Translation of abstract]

SUB CODE: 13

Card

2/2 LC

NAMITOKOV, K.K.; ALEKSANDROVSKIY, N.N.

Efficient method for broaching irregularly shaped holes by
electric sparks. Vest. mash. 36 no.6:51-53 Je '56. (MLRA 9:10)

1. Khar'kovskiy elektomekhanicheskiy zavod.
(Electric spark) (Broaching machines)

L 40270-66 EMI(s)/EMP(v)/EMP(k)/EMP(h)/EMP(l) BC

ACC NR: AR6014869

SOURCE CODE: UR/0372/65/000/011/G007/G007

AUTHORS: Aleksandrovskiy, N. M.; Yegorov, S. V.; Meshalkin, V. P.

TITLE: Forecasting systems of automatic control using dynamic models for one class of objects

SOURCE: Ref. zh. Kibernetika, Abs. 11G47

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 59, 1965, 85-102

TOPIC TAGS: optimal automatic control, model, boundary value problem, metallurgic process

ABSTRACT: The control of objects with "unmeasurable" (from the point of view of operational control) output is accomplished in most cases by the compensation of disturbances, which has low accuracy. For optimal (in the given sense) control of objects with "unmeasurable" output, it is possible to use forecasting control systems with the use of a high-speed model as a sensing element of the dynamic state of the object. A number of difficulties arises in the creation of systems with forecasting: problems of creating the model—the sensing element of the dynamic state of the object and assigning the boundary conditions in the model; the problem of seeking the optimal (in the given sense) solution under the given boundary conditions. Even with rough solutions of these problems, however, such systems with forecasting ensure qualitative control of objects. Some problems connected with these problems, which

UDC: 62-509

Card 1/2

L 40270-56

ACC NR: AR6014869

are illustrated by the example of the construction of an automatic control system by a metallurgical process which is an object of control with an "unmeasurable" output, are examined. 9 illustrations. Bibliography of 6 citations. V. M. Trans-lation of abstract/

SUB CODE: 13, ~~13~~ 14.

Card 2/2 *mcp*

POLAND

ALEKSANDROWICZ, Julian; HALECKI, Jan and JANICKI, Kazimierz; Third Internal Medicine Clinic of Medical College (III Klinika Chorob Wewnętrznych AM,) Head (Kierownik) Prof Dr Julian ALEKSANDROWICZ, Krakow.

"Lymphocyte Levels in Blood of Cattle on Farms with Human Leukemia."

Lublin, Medycyna Weterynaryjna, Vol 21, No 11, Oct 65; pp 666-667.

Abstract : Study of blood of 91 head of cattle from 37 farms where human leukemia was present, to verify the possible role of transmissible viral agents in this disease. Comparison of results with those in 54 and 53 head of cattle with either no human disease or peptic ulcer, respectively confirmed several differences, found to be statistically significant to some degree. Two graphs; 2 Western and 4 Polish references.

1/1

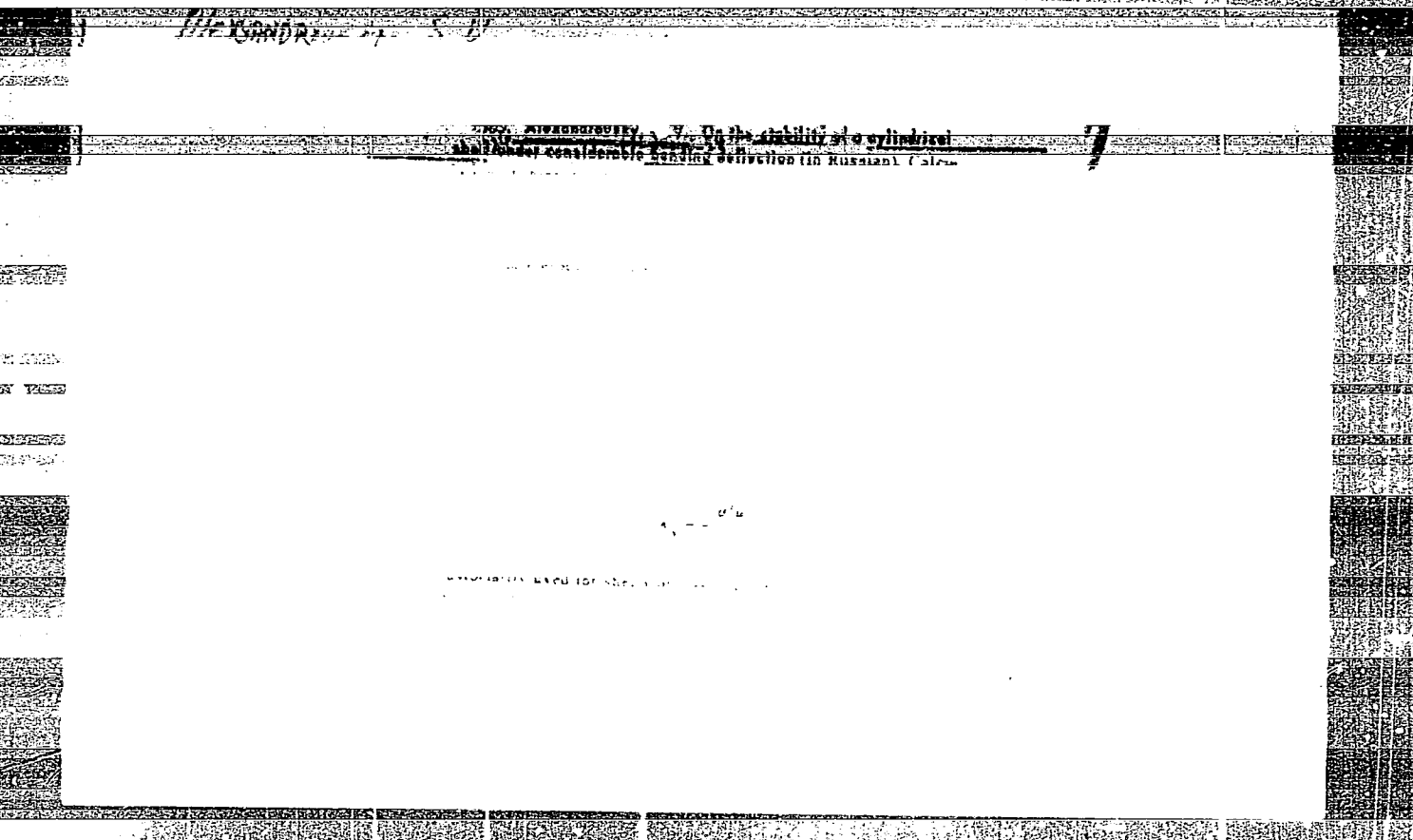
- 244 -

ALEKSANDROVSKIY, S. V.

25653

Teoriya Temperaturnykh Poley Massivnykh Betonnykh Tel s Uchetom Ekzotermii Sbornik
Trudov ^{VNyk} (Nauch-Issled. Inst Po Stroitu-Vu), I, 1949, s. 5-33

SO: LETOPIS No. 34



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APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000100910012-7"

SOV/97-58-9-6/13

AUTHOR: Aleksandrovskiy, S.V., Candidate of Technical Sciences

TITLE: On the Deformation Hysteresis of Shrinkage and Swelling
of Concrete During Alternate Drying and Wetting
(O gisterezise deformatsiy usadki i nabukhaniya betona pri
yego poperemennykh vysushivaniyakh i uvlazhneniyakh)

PERIODICAL: Beton i Zhelezobeton, 1958, Nr 9, pp 344 - 346 (USSR)

ABSTRACT: During concreting frequent repeated drying and wetting
takes place. These processes occur not only under the
influence of atmospheric conditions, but also as natural
functions of the construction, e.g. in the case of
containers periodically filled and emptied, and also in
hydro-technical constructions. The NIIZhB Asia SSSR
carried out investigations into the above problems under
the leadership of Professor A.A. Gvozdev. The deformation
of the concrete, due to the change of its water content
during alternating drying and wetting, was tested in the
following way: Test cubes 5 cm x 5 cm x 11 cm were cast
in steel forms.. After four days' storage under wet
sawdust the cubes were removed from the forms and the
four sides covered by ^{several} layers of wax. On the remaining
two sides of the test cubes two-lever tensometers with
a base of 10 cm were placed. By this method the contraction

Card1/4

SOV/97-58-9-6/13

On the Deformation Hysteresis of Shrinkage and Swelling of
Concrete During Alternate Drying and Wetting

and swelling of the cubes were tested and showed that the moisture content of the cubes was uniform through the whole thickness. This method also excluded the effect of short-term drying of test cubes due to changes in the moisture of the air. During the whole time of testing the cubes were checked on weights with accuracy up to 0.01 g. At the same time, the deformations were checked by a tensometer with an accuracy of 1×10^{-5} mm/mm. Figure 1 illustrates test cubes during the period of drying and Figure 2 during the period of wetting. The following materials were used during the preparation of test cubes: 1) Portland cement manufactured by Voskresensk Factory with strength of 475 kg/cm^2 , with degree of grinding to pass 95.6% by weight of sieves with 4 900 perforations/cm². The cement had the following mineralogical content in percent: C_3S - 53.5, C_2S - 12.4, C_3A - 14.66, C_4AF - 10.19, $CaSO_4$ - 6.67, MgO - 3.04; 2) river sand of voluminal and specific weight 1 528 - 2 590 kg/m³ with main size of

Card2/4

SOV/97-58-9-6/13

On the Deformation Hysteresis of Shrinkage and Swelling of
Concrete During Alternate Drying and Wetting

the grain 0.33 mm and volume of pores 41%. The content of impurities was 2.1%. Figure 3A gives curve of sieving of sand; 3) fine ballast with specific weight of 2 660 kg/m³ prepared from two fractions 5 - 10 mm and 10 - 20 mm. Curve of sieving of ballast is illustrated in Figure 3B. Impurity content was 0.6%, mains water was used. The tests were carried out over a period of 370 days. Figure 4 shows typical deformation hysteresis appearing in all test cubes. Figure 5: typical curves of variation of humidity and deformation of the cube. Figure 6: similar curves of cubes with varying water/cement ratios affecting the changes of humidity and deformation of the concrete during alternating drying and wetting. During the initial shrinkage of concrete all free water is removed; this water has smaller binding properties than the bound water of the gel (A.Ye.Sheykin, "Problems of Strength, Elasticity and Plasticity of Concrete". Building Mechanics and Bridges. Transzheldorizdat, 1946). It is concluded that the graphical picture of the swelling of concrete differs from the picture of shrinkage. The curves of swelling of concrete do not

Card3/4

SOV/97-58-9-6/13

On the Deformation Hysteresis of Shrinkage and Swelling of
Concrete During Alternate Drying and Wetting

resemble curves of shrinkage. Deformation of shrinkage and swelling are irreversible. During repeated drying and wetting of concrete, deformation hysteresis occurs. Hysteresis is progressively weakened and is stabilised with the progress of time. Absolute limit values of deformations of shrinkage and swelling and variations of relative humidity decrease with time. There is no simple relationship between deformations of the concrete during drying and wetting and changes in its humidity. Separation of free water is not accompanied by deformation of concrete. The predominant effect on the deformation of concrete during changes of its water content is indicated by volumetric variations of the gel structure of the constituent cement stone. This conforms to the theory of Professor A.Ye. Sheykin. There are 6 figures.

Card 4/4

MURASHEV, V.A., prof., doktor tekhn.nauk; MIRONOV, S.A., prof., doktor tekhn.nauk; ALEKSANDROVSKIY, S.V., kand.tekhn.nauk; TAL', K.E., kand.tekhn.nauk; DMITRIYEV, S.A., kand.tekhn.nauk; MULIN, N.M., kand.tekhn.nauk; SIGALOV, E.Ye., kand.tekhn.nauk; NEMIROVSKIY, Ya.M., kand.tekhn.nauk; TABENKIN, N.L., inzh. [deceased]; KALATUROV, B.A., kand.tekhn.nauk; BRAUDE, Z.I., inzh.; KRYLOV, S.M., kand.tekhn.nauk; FOKIN, K.F., doktor tekhn.nauk; GUSEV, N.M., prof., doktor tekhn.nauk; YAKOVLEV, A.I., inzh.; KORENEV, B.G., prof., doktor tekhn.nauk; DERESHKEVICH, Yu.V., inzh.; MOSKVIN, V.M.; LUR'YE, L.L., inzh.; MAKARICHEV, V.V., kand.tekhn.nauk; SHEVCHENKO, V.A., inzh.; VASIL'YEV, B.F., inzh.; KOSTYUKOVSKIY, M.G., kand.tekhn.nauk; MAGARIK, I.L., inzh.; IL'YASHEVSKIY, Ya.A., inzh.; LARIKOV, A.F., inzh.; STULOV, T.T., inzh.; TRUSOV, L.P., inzh.; LYUDKOVSKIY, I.G., kand.tekhn.nauk; POPOV, A.N., kand.tekhn.nauk; VINOGRADOV, N.M., inzh.; USHAKOV, N.A., kand.tekhn.nauk; SVERILOV, P.M., inzh.; TER-OVANEV, G.S., inzh.; GLADKOV, B.N., kand.tekhn.nauk; KOSTOCHKINA, G.V., arkh.; KUREK, N.M.; OSTROVSKIY, M.V., kand.tekhn.nauk; PEREL'SHTEYN, Z.M., inzh.; BUKSHTEYN, D.I., inzh.;

(Continued on next card)

MURASHEV, V.A.---(continued) Card 2.

MIKHAYLOV, V.G., kand.tekhn.nauk; SIGALOV, E.Ye., kand.tekhn.nauk;
GVOZDEV, A.A., prof., retsenzent; MIKHAYLOV, V.V., prof., retsen-
zent; PASTERNAK, P.L., prof., retsenzent; SHUBIN, K.A., inzh.,
retsenzent; TEMKIN, L.Ye., inzh., nauchnyy red.; KOTIK, B.A., red.
izd-va; GORYACHEVA, T.V., red.izd-va; MEDVEDEV, L.Ya., tekhn.red.

[Handbook for designers] Spravochnik proektirovshchika. Pod ob-
shchei red. V.I.Murasheva. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit. i stroit.materialam. Vol.5. [Precast reinforced concrete
construction elements] Sbornye zhelezobetonnye konstruksii.
1959. 603 p. (MIRA 12:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledo-
vatel'skiy institut betona i zhelezobetona, Perovo. 2. Deystvitel'-
nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Murashev,
Gvozdev, Mikhaylov, V.V., Pasternak, Shubin). 3. Chlen-korresp. Aka-
demii stroitel'stva i arkhitektury SSSR (for Mironov, Gusev, Moskvina,
Kurek).

(Precast concrete construction).

06385

SOV/170-59-2-3/23

14(10)

AUTHOR: Aleksandrovskiy, S.V.

TITLE: On the Shrinking and Swelling of Concrete

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1959, Nr 2, pp 17-24 (USSR)

ABSTRACT: The purpose of this investigation was to study the dependence of shrinkage and swelling on moisture, which is necessary for calculating stresses and deformations caused by volume changes in concrete. The experiments were carried out with concrete prisms of 5 x 5 x 11 cm made of Portland cement of 475 kg/cm² strength, which were subjected to axial drying and moistening, observing that the moisture distribution over their cross section should be uniform. It was established by these experiments that there is no single-valued dependence of concrete deformations on changes in its moisture during drying and moistening. As Figure 1 shows, when the initial moisture is high, the moisture losses of the samples in the beginning of drying are not accompanied with shrinkage which develops only after these losses attain certain values. This phenomenon was missed by the previous investigators: Konsider [Ref 5], A.Ye. Sheykin [Ref 7], P.I. Gluzhge (according to A.V. Belov, [Ref 4], Besides the effect of initial moisture, the effects of the following factors

Card 1/3

On the Shrinkage and Swelling of Concrete

06385

SOV/170-59-2-3/23

its moisture and the water/cement ratio.
There are: 4 graphs and 8 Soviet references.

ASSOCIATION: Institut betona i zhelezobetona (Institute of Concrete and Reinforced Concrete), Perovo.

Card 3/3

ALEKSANDROVSKIY, S.V., kand. tekhn. nauk

Effect of long external-load actions on the drying shrinkage of
concretes. Trudy NIIZHB no.4:154-183 '59. (MIRA 12:9)
(Concrete--Testing) (Strains and stresses)

ALEKSANDROVSKIY, S.V., kand. tekhn. nauk

Thermo- and hydrophysical characteristics of concrete in connection
with heat and moisture exchange. Trudy NIIZHB no.4:184-214 '59.

(MIRA 12:9)

(Heat--Transmission) (Concrete--Testing) (Dampness in buildings)

ALEKSANDROVSKIY, S.V.

Deformations of concrete due to moisture. Inzh.-fiz.zhur. no.12:103-106 D '60. (MIRA 14:3)

1. Institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR, g. Perovo.
(Concrete—Moisture)

ALEKSANDROVSKIY, S.V., kand.tekhn.nauk

Irreversibility of shrinkage and swelling in concrete. Trudy
NIIZHB no. 17:119-127 '60. (MIRA 14:4)
(Concrete)

ALEKSANDROVSKIY, S.V., kand.tekhn.nauk

Influence of protracted tension on the processs of drying and shrinkage of concrete. Trudy NIIZHB no. 17:128-145 '60. (MIRA 14:4)

(Concrete)

ALEKSANDROVSKIY, S.V.

Council on Coordination of Scientific Work. Izv. ASiA no.4:
111 '61. (MIRA 16:11)

1. Uchenyy sekretar' komissii po teorii rascheta betonnykh
i zhelezobetonnykh konstruktsii Akademii stroitel'stva i arkhitektury SSSR.


S/598/61/000/006/010/034
D245/D303

AUTHORS: Biryukova, L.V., Neroslavskaya, L.L., and
Aleksandrovskiy, S.V.

TITLE: Hydrometallurgy of titanium

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Titan i
yego ~~plavy~~ plavy. no. 6, 1961. Metallotermiya i elektro-
khimiya titana, 68 - 79

TEXT: In a survey of hydrometallurgical techniques for obtaining Ti metal from the products of reduction of $TiCl_4$ with Mg or Na and of electrolytic processes, it is pointed out that the quality of Ti metal obtained is largely dependent on the specific surface of the initial Ti sponge formed owing to the unavoidable oxidation of the metal in air. In treating the reaction masses from Mg or Na reduction processes, it is shown that the dissolution of the Mg or Na chlorides in the Ti sponge depends in its speed on the degree of pulverization of the reaction mass, mixing conditions and the ratio of solid to liquid phase during leaching. Mg metal dissolution in



Card 1/3

S/598/61/000/006/010/034
D245/D303

Hydrometallurgy of titanium

acid leaching is dependent on metal surface, acid concentration and temperature and is endothermic. Dissolution of unreacted Na metal requires great care. Ti di-, tri-, and tetra-chlorides are hygroscopic and during water leaching, hydrolyse. Ti sponge itself is a crystal agglomerate of varying crystal dimensions. The density of the sponge depends on the size and structure of the crystals and their distribution in the reaction mass. The bulk of the crystals are dendritic in nature. The specific surface of a sponge is determined by B.V. Deryagin's method (Ref. 2: Izd-vo, AN SSSR, 1957) Oxidation of sponge in air or water was measured by an optical polarization method by V.V. Andreyeva (Ref. 4: Tr. In-ta fiz. khimii, 1957, VI, 2, 79) who found that there was marked oxidation of Ti at low temperatures. During hydrometallurgical treatment, contamination of the sponge with H₂ is unavoidable but can be minimized by introducing surface active inhibitors during leaching, or by using oxidizing agents in leaching which will oxidize any H₂ formed. During leaching the metal freed from salts becomes rapidly coated with a protective layer which prevents substantial Ti losses due to corrosion. With a reaction mass obtained by Na reduction, Ti

Card 2/3

Hydrometallurgy of titanium .

S/598/61/000/006/010/034
D245/D303

loss is about 0.2%. The quality of the sponge formed depends on a large number of factors, but metal quality attained is generally high. Reaction masses obtained electrolytically or by Na reduction are either immediately treated or hermetically sealed in a container until treated. Prior to leaching, the mass is pulverized to a particle size range of 3 - 10 mm. Leaching is carried out in two stages, firstly with 1 % HCl, secondly with 0.5 % HCl. The solid/liquid phase ratio is 1:4. The leached sponge is washed with water and dried in a hot air flow (70 - 110°C) in a time of 2 1/2 hours. There are 3 figures, 2 tables and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: W.A. Alexander and L.M. Pidgeon, Canadian Journal of Research, 1950, v. 28, no. 2, 60. ✓

Card 3/3

S/136/61/000/011/003/007
E021/E135

AUTHORS: Biryukova, L.V., and Aleksandrovskiy, S.V.
TITLE: Absorption of hydrogen by sponge titanium during the hydrometallurgical treatment of the products of thermal and electrolytic production of the metal
PERIODICAL: Tsvetnyye metally, ³⁴no.11, 1961, 48-52
TEXT: Experiments were carried out to investigate the effect of individual factors on the degree of saturation of sponge titanium with hydrogen. In the experiments a mixture was used which was obtained from a thermal reduction reaction of the following composition: 25-30% metallic titanium, 70-75% sodium chloride and the bivalent salt of titanium (0.1-0.2%); metallic sodium was absent. The average value of the surface area of the sponge titanium in the mixture was 0.6 m²/g. A 20g sample of the mixture was leached in a 1% hydrochloric acid solution at 20 °C for 6 hours. The volume of solution was 100 ml. The obtained titanium sponge was washed with water, dried at 100 °C and analysed. The influence of the condition of the hydrogen was

Card 1/ 3

Absorption of hydrogen by sponge

S/136/61/000/011/003/007
E021/E135

studied. Atomic hydrogen was produced by evolution from metallic magnesium in the reaction mixture. Molecular hydrogen was obtained from a balloon. The molecular hydrogen was not absorbed by the titanium but the hydrogen evolved during dissolution of magnesium was actively absorbed. It was found that mixing the reaction mixture with air during the leaching process lowered the absorption of hydrogen. Therefore, the removal of hydrogen from the surface at the moment of evolution will reduce absorption. The use of a vacuum, ultrasonics, oxydising agents and inhibitors did not prevent the absorption of hydrogen. The amount of hydrogen in titanium increased from about 0.1 to 0.3% with an increase in acid concentration from 0.5 to 10%. With increase in reaction time from 1 to 24 hours there is a slight increase in hydrogen content. An increase in temperature also resulted in an increase in hydrogen content. The specific surface area of the sponge titanium had a marked effect on absorption. An increase from 0.4 to 1.0 m²/g resulted in an increase of hydrogen content from about 0.2 to 0.5%. Experiments were also carried out to find the depth of penetration of hydrogen at 20 - 100 °C; there was no

Card 2/3

ALEKSANDROVSKIY, S.V., kand.tekhn.nauk

Effect of the scale factor on deformations in concrete due to
moisture. Trudy NII ZHB no.23:207-228 '61. (MIRA 14:12)
(Concrete--Testing)

MAKARICHEV, V.V., kand. tekhn. nauk, red.; ALEKSANDROVSKIY, S.V., kand.
tekhn. nauk, nauchnyy red.; KUZNETSOVA, M.N., red. izd-va;
GOL'BERG, T.M., tekhn. red.

[Proceedings of the Coordinating Conference on Methods of Laboratory Studies of Deformations and Strength of Concrete, Reinforcement and Reinforced Concrete Elements] Trudy koordinatsionnogo soveshchaniia po metodike laboratornykh issledovaniy deformatsii i prochnosti betona, armatury i elementov zhelezobetonnykh konstruktsii, 1961. Pod red. V.V.Makaricheva. Moskva, Gosstroizdat, 1962.. 333 p. (MIRA 16:2)

1. Koordinatsionnoye soveshchaniye po metodike laboratornykh issledovaniy deformatsiy i prochnosti betona, armatury i zhelezobetonnykh konstruktsiy, 1961.

(Building materials--Testing)

MAKARICHEV, V.V., kand. tekhn. nauk, red.; ALEKSANDROVSKIY, S.V.,
kand. tekhn. nauk, nauchn. red.

[Methods of laboratory research in the deformation and strength of concrete, reinforcements, and reinforced concrete structures; proceedings of a coordinating conference] Metodika laboratornykh issledovaniy deformatsii i prochnosti betona, armatury i zhelezobetonnykh konstruktsii; trudy. Pod red. V.V.Makaricheva. Moskva, Gosstroizdat, 1962. 333 p. (MIRA 17:5)

1. Koordinatsionnoye soveshchaniye po metodike laboratornykh issledovaniy deformatsii i prochnosti betona, armatury i elementov zhelezobetonnykh konstruktsiy. 1961.

TAL', K.E., kand. tekhn. nauk; LESSIG, N.N., kand. tekhn. nauk; Prinimali uchastiye: GVOZDEV, A.A.; ALEKSANDROVSKIY, S.V.; BORISHANSKIY, M.S.; DMITRIYEV, S.A.; KRILOV, S.M.; MIKHAYLOV, K.V.; MULIN, N.M.; NEMIROVSKIY, Ya.M.; CHISTYAKOV, Ye.A.; VASIL'YEV, B.F.; BOGATKIN, I.L.; ZALESOV, A.S.; NIKITIN, I.K.

New standards SNiP II-V. 1-62 for the design of concrete and reinforced concrete elements. Bet. i zhel.-bet. 9 no.3:97-102
Mr. '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for all except Vasil'yev, Bogatkin, Zalesov, Nikitin). 2. Gosudarstvennyy institut tipovogo proyektirovaniya i tekhnicheskikh issledovaniy (for Vasil'yev, Bogatkin, Zalesov, Nikitin).

L 00350-66 EWT(m)

ACCESSION NR: AP5018153

UR/0097/65/000/007/0001/0008
666.97.017:539.374

AUTHORS: Gvozdev, A. A. (Doctor of technical sciences, Professor);
Aleksandrovskiy, S. V. (Candidate of technical sciences); Bagriy, E. Ya. (Engineer)

TITLE: Creep of concrete under time-varying stresses

SOURCE: Beton i zhelezobeton, no. 7, 1965, 1-8

TOPIC TAGS: concrete, creep characteristic, creep mechanism, construction material

ABSTRACT: A study is made of creep in concrete under time-varying stresses, for example, stresses due to temperature and humidity fluctuations. Special experiments were set up by the author while working in the Tsentral'naya laboratoriya teorii zhelezobetona NIIZhB, Gosstroya SSSR (Central Laboratory of Reinforced Concrete Theory, NIIZhB, Gosstroy SSSR), and the results of these tests are reported. Creep was studied under conditions of centered compression of vibrated concrete of weight content 1:1.9:4.4 with a water-cement ratio of 0.65. The origin and content of the cement and aggregates are given (no special analysis was made of the water). Sample specimens were made in the form of prisms of

Card 1/2

L 00350-66

ACCESSION NR: AP5018153

dimensions 7 x 7 x 60 cm. The specimens were sealed in paraffin, petroleum jelly, and polyethylene film after a 72-hour cure. A special lever apparatus was developed for use in loading and unloading the concrete specimens. Brief descriptions of instrumentation and temperature-humidity control devices are given. The modulus of elasticity of the concrete under compression obeys the equation

$$E(\tau) = 3,3(1 - 0,575e^{-0,072\tau})10^5 \text{ kg/cm}^2,$$

where $E(\tau)$ is in kg/cm^2 and τ is the compressive stress. Several specimens were exposed to constant loading only in order to provide experimental control. A review is made of certain theoretical creep equations, and experimental measurements are compared with theory. Empirical parameters for certain creep equations are estimated on the basis of experimental observations. The authors conclude that the applicability of the theory of an elastically creeping body depends upon accurate selection of the analytic expressions for the "hereditary" functions of the theory. Orig. art. has: 7 figures and 7 equations.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 010

OTHER: 001

Card 2/2 *fw*

ALEKSANDROVSKIY, T.B. [Aleksandrovs'kyi, T.B.]

Geomorphological structure of the Kerch Peninsula.

Geog. zbir. no.4:163-172 '61.

(MIRA 14:8)

(Kerch Peninsula--Geomorphology)

ALEKSANDROVSKIY, T.B. [Aleksandrovs'kyi, T.B.]

Marine Quaternary deposits of the Kerch Peninsula. Geog. zbir.
no.6:76-84 '62. (MIRA 15:9)
(Kerch Peninsula--Geology, Stratigraphic)

USSR/Farm Animals - Cattle

Q

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69312

Author : Kalmanson, S.Ya., Aleksandrovskiy, V.A.

Inst : Molotov Agricultural Institute

Title : On the Significance of the Speed of Feed Consumption
by Cattle

Orig Pub : Tr. Molotovsk. s.-kh. in-ta, 1957, 15, 253-259

Abstract : It is pointed out that the rapidity of feed consumption
and live weight of calves up to six months of age are
characteristic for every animal and are directly connected
with the productiveness of cows.

Card 1/1

- 33 -

DMITRIYEV, I.A.; ALEKSANDROVSKIY, V.A.; MINAYEVA, V.M.

Review of the book "Physiology and pathology of motor and visceral reflexes". Zhur. nevr. i psikh. 63 no.8:1275-1276 '63.

(MIRA 17:10)

ALEKSANDROVSKIY, V.S., assistant

Comparative evaluation of methods of treating nephropathies in patients as revealed by data from the Snegirev Maternity Home for 1937 to 1947. Trudy ISGMI 18:115-122 '55. (MIRA 14:3)

1. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut, kafedra akusherstva i ginekologii.

(PREGNANCY, COMPLICATIONS OF)
(KIDNEYS--DISEASES)

ALEKSANDROVSKIY, Vladimir Vladimirovich; MATSYUTO, Aleksandr Fedorovich;
GAMOV, A.G., redaktor; VOLCHOK, K.M., tekhnicheskij redaktor;
UKHOV, K.S., professor, retsentr

[Collection of problems and exercises in navigation] Sbornik zadach
i uprazhnenii po navigatsii. Leningrad, Gos. izd-vo vodnogo trans-
porta, Leningradskoe otd-nie, 1954. 323 p. (MLRA 8:1)
(Navigation--Problems, exercises, etc.)

L 08510-67 EWI(d)/EWI(1) CW
ACC NR:

AM 6019455

Monograph

UR/

38

B+1

Aleksandrovskiy, Vladimir Vladimirovich (Deceased)

Navigation (Navigatsiya) Moscow, Izd-vo "Transport", 65. 0303 p. illus., biblio.
Textbook for students specializing in navigation at naval institutes. 20,000
copies printed.

TOPIC TAGS: ship navigation, navigation aid, radar navigation, navigation
compass, cartography

PURPOSE AND COVERAGE: This book deals with all problems of navigation essential
for ship navigators to know. It includes the following sections: interpretation
and adjustment of bearings, range of visibility of objects, cartographic projec-
tion and sea charts, calculation of routes and cases of voyages. Special atten-
tion is paid to practical operation of radio-technological means of navigation.
The book is useful as a text for students in intermediate nautical training.

TABLE OF CONTENTS (abridged):

Introduction -- 3

Ch. I. Basic concepts and determinations in ship navigation -- 8

Ch. II. Determination of direction at sea -- 27

UDC656.6(075.3)

Cord 1/2

L 08510-67

ACC NR:

AM 6019455

- Ch. III. Determination of distance covered at sea -- 62
- Ch. IV. Sea charts -- 74
- Ch. V. Graphic calculation of the ship's route -- 103
- Ch. VI. Determination of the ship's position at sea by visual means -- 138
- Ch. VII. Analytical determination of the ship's route -- 183
- Ch. VIII. Ship navigation in special surrounding conditions -- 193
- Ch. IX. Use of radio-technological means in ship navigation -- 213
- Ch. X. Navigation by the arch of the great circle -- 286
- Bibliography -- 300

SUB CODE: 17 / SUBM DATE: 20Sep65 ORIG REF: 018/

Card 2/2 afs

ALEKSANDROVSKIY, V.V.; MATSYUTO, A.F.; GAMOV, A.G., kapitan dal'nego
plavaniya, inzh.-dirograf, spets. red.; FRISHMAN, Z.S., red.
izd-va; KOTLYAKOVA, O.I., tekhn. red.

[Collection of problems and exercises in navigation] Sbornik
zadach i uprazhnenii po navigatsii. Izd.2., perer. Leningrad,
Izd-vo "Morskoi transport," 1961. 318 p. (MIRA 15:3)
(Navigation—Problems, exercises, etc.)

ALEXANDROVSKIY, V. V.

21935 ALEXANDROVSKIY, V. V. Podposvonochnaya muskulatura v oblasti shoi u ryada mlekotitayy shchikh zhivotnykh. Trudy Kirgiz. s.-kh. in-ta im. Sharybina, VTI. 6, 1949, s. 3-24--Bibliogr: 5 nazv.

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

ALEKSANDROVSKIY, V. V. (Main Veterinary Surgeon, Georgiyevsk Rayon, Stavropol' Kray).

"Sanitization of sheep and freeing them of coemurosis on kolkhozes and sovkhoses of the Georgievsk Raion."

Veterinariya, Vol. 38, No. 3, 1961, p. 21.

Y
ALEKSANDROVSKIĭ, V. V.

Luchshii radiouzel IAroslavskoi oblasti. [The best radio broadcasting and receiving unit of the Yaroslav Province]. (Vestnik sviazi. Elektrosviaz'. 1948, no. 5, p. 3 of cover).
DLC: TK4.V45

Opyt radiofikatsii kolkhov IAroslavskoi oblasti. [Experience in radio equipping of the collective farms in the Yaroslav Province]. Moskva, Sviaz'izdat 1951. 32 p.

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

USSR/Farm Animals - Cattle.

Q-2

Abs Jour : Ref Zhur - Biol., No 1, 1959, 2673

Author : Aleksandrovskiy, V.V.

Inst : Penzensk. Agricultural Institute.

Title : On the Problem of the Innervation of the Principal Arteries of the Free Pelvic Extremity in Cattle.

Orig Pub : Sb. tr. Penzensk. s.-k. in-ta, 1958, vyp. 2, 303-317.

Abstract : It was found that in calves aged 5-7 days the vascular nerves contact the arteries of the hind extremities as part of lumbar and sacrospinal nerves. With the main arteries of the free hind extremity, the vascular nerves come into contact as part of the femoral, saphenous, peroneal, lateral and medial plantar nerves. The arteries supplying the muscles obtain vascular nerves from the paravascular nervous network of the magistral vessel and

Card 1/2

- 29 -

Card 2/2

ALEKSANDROVSKIY, V.V., prof.

Review of G. N. Petrov's and A. A. Savelova's book "Methods of
balancing rotors." Vest.elektrom. 28 no.8:79-80 Ag '57.
(MIRA 10:10)

1.Nauchno-issledovatel'skiy institut elektromyshlennosti.
(Electric machines) (Petrov, G.N.) (Savelova, A.A.)

ALEKSANDROVSKIY, V.V., inzh.; ZENKEVICH, V.A., inzh.

Permissible limits in the unbalance of stiff rotors of electric
machines. Vest. elektrom. 32 no.9:68-72 S '61. (MIRA 14:8)
(Electric machinery)

ALEKSANDROVSKIY, V.V., inzh.

Vibrations of electrical machinery and methods for controlling them.
Vest. elektroprom. 32 no.12:66-69 D '61. (MIRA 14:12)
(Electric machinery - Vibrations)

ALEKSANDROVSKIY, V.V.

/ Ridding sheep of coenurosis on collective and state farms in
Georgiyevsk District. Veterinariia 38 no. 3:2 -22 Mr '61
(MIRA 18:1)

1. Glavnyy veterinarnyy vrach Georgiyevskogo rayona Stavropol'skogo kraya.

LOKSHIN, E.Yu., doktor ekon. nauk; ANDREYEVA, O.I., kand. ekon. nauk, dots.; VOROSHILOVA, T.S., kand. ekon. nauk, dots.; SADOMTSEV, V.K., kand. ekon. nauk, dots.; SMIRNOV, P.V., kand. ekon. nauk, dots.; TARAS'YANTS, R.B., kand. ekon. nauk, dots.; FASOLYAK, N.D., kand. ekon. nauk, dots.; LOZOV, Ya.D., st. prepod.; SHMELEVA, Z.S., st. prepod.; NOVIKOV, D.T., aspirant; PORA-LEONOVICH, B.N.; ALEKSANDROVSKIY, V.V.; BURSHTEYN, I.I.; EYDEL'MAN, B.I., red.; MOZGALEVSKAYA, S.A., mlad. red.; GERASIMOVA, Ye.S., tekhn. red.

[Manual for the supplying and selling of materials and equipment] Spravochnik po material'no-tekhnicheskomu snabzheniyu i sbytu. Moskva, Ekonomizdat, 1963. 344 p.
(MIRA 17:1)

1. Nachal'nik ekonomicheskogo otdela Upravleniya material'no-tekhnicheskogo snabzheniya Soveta narodnogo khozyaystva Moskovskogo gorodskogo ekonomicheskogo rayona (for Pora-Leonovich).
2. Nachal'nik otdela snabzheniya 1-go Gosudarstvennogo podshipnikovogo zavoda (for Aleksandrovskiy).

NECHAYEV, Pavel Aleksandrovich; GRIGOR'YEV, Vladimir Vasil'yevich,
inzh.; ALEKSANDROVSKIY, V.V., dots., retsenzent; KOZHUKHOV,
V.P., dots., nauchn. rec.

[Magnetic compass] Magnitno-kompasnoe delo. Moskva, Trans-
port, 1964. 267 p. (MIRA 18:3)

ALEKSANDROVSKIY, Vladimir Vladimirovich [deceased]; MEL'NIKOV,
Ye.V., red.; LYUCHINSKIY, A.A., red.

[Navigation] Navigatsiia. Moskva, Transport, 1965. 303 p.
(MIRA 18:J2)

BANSHCHIKOV, V.M., zasl. deyatel' nauki prof., glav. red.;
ROKHLIN, L.L., prof., zam. glav. red.; SNEZHNEVSKIY,
A.V., prof., red.; ALEKSANDROVSKIY, Yu., red.

[Transactions of the 4th All-Union Congress of Neuro-
pathologists and Psychiatrists] Trudy chervertogo Vse-
soiuznogo s"ezda nevropatologov i psikhiatrov. Moskva,
Vses. nauchn. med. ob-vo nevropatologov i psikhiatrov.
Vols. 3-4. Nos.1-2.; Vol.8. 1965. (MIRA 18:12)

1. Vsesoyuznyy s"yezd nevropatologov i psikhiatrov. 4th,
Moscow, 1963. 2. Chlen-korrespondent AMN SSSR (for
Snezhnevskiy)

NIKITIN, Sergey Nikolayevich, dotsent, kand.tekhn.nauk [deceased]; KAROL',
L.A., kand.tekhn.nauk, red.; SHIMKL'MITS, I.Ya., inzh., red.;
KRITSKIY, S.N., doktor tekhn.nauk, retsenzent; AYVAZYAN, V.G.,
prof., doktor tekhn.nauk, retsenzent; ALEKSANDROVSKIY, Yu.A.,
dotsent, kand.tekhn.nauk, retsenzent; OHLOV, V.A., red.; BORUNOV,
N.I., tekhn.red.

[Principles of calculations connected with hydroelectric power]
Osnovy gidroenergeticheskikh raschetov. Moskva, Gos.energ.izd-vo,
1959. 510 p. (MIRA 12:5)

(Hydroelectric power)

ALEKSANDROVSKIY, Yu.A.; BORINEVICH, V.V.; SHCHIRINA, M.G.

[Psychopharmacological preparations] Psikhofarmakologicheskie preparaty; spravochnye materialy. Moskva, Gos. nauchno-issl. in-t psikhiiatrii, 1962. 14 p. (MIRA 16:10)
(PSYCHOPHARMACOLOGY)

ALEKSANDROVSKIY, Yu.A.; BORINEVICH, V.V.; SHCHIRINA, M.G.

Synonyms of psychopharmacological preparations in general use.

Trudy Gos.nauch.-issl.inst.psikh. 35:381-388 '62.

(MIRA 16:2)

(PSYCHOTROPIC DRUGS—TERMINOLOGY)

ALEKSANDROVSKIY, Yu.A.; BORINEVICH, V.V.; SHCHIRINA, M.G.

Modern psychopharmacological drugs. Trudy Gos.naukph.-issl.inst.
psikh. 35:377-380 '62. (MIRA 16:2)
(PSYCHOTROPIC DRUGS)

ALEKSANDROVSKIY, Anatoliy Borisovich [deceased]; ROKHLIN, L.L.,
prof., red.; ALEKSANDROVSKIY, Yu.A., red.

[Relapses of schizophrenia and ways of their prevention;
clinical and physiological study] Retsidivy shizofrenii i
vnutri ikh profilaktiki; kliniko-fiziologicheskoe issledova-
nie. Moskva, Izd-vo "Meditsina," 1964. 209 p.

(MIRA 17:7)

ALEKSANDROVSKIY, Yu.A.

Treatment of paranoid schizophrenia with haloperidol. Zhur.
nevr. i psikh. 64 no.1:131-136 '64. (MIRA 17:5)

1. Otdel psikhofarmakologii (zaveduyushchiy - kand. med.
nauk G.Ya. Avrutskiy) Nauchno-issledovatel'skogo instituta
psikhiatrii (direktor - prof. D.D. Fedotov) Ministerstva
zdravookhraneniya RSFSR, Moskva.

ALEKSANDROVSKIY, Yu.A.

Psychopatology of oneroil catatonia treated with butyrophenones.
Trudy Gos. nauch.-issl. inst. psikh. 40:202-206 '63

(MIRA 17:7)

FEDOTOV, D.D., prof., otv. red. SEGAL, B.M., zam. otv. red.;
AVERBAKH, Ya.K., red.; AVRUTSKIY, G.Ya., red.; ALEKSANDROVSKIY,
Yu.A., red.; BALASHOVA, L.N., red.; BELKIN, A.I., red.;
GUROVICH, I.Ya., red.

[Problems of exogenous and organic neuropsychic disorders;
materials of the scientific conference of the State Scientific
Research Institute of Psychiatry of the Ministry of Public
Health of the R.S.F.S.R. March 1964] Voprosy ekzogennykh i or-
ganicheskikh nervno-psikhicheskikh rasstroystv; materialy na-
uchnoi konferentsii Gosudarstvennogo nauchno-issledovatel'skogo
instituta psikiatrii MZ RSFSR. Mart 1964. 164 p. No.2. 1964.
164 p. (MIRA 17:9)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut
psikiatrii. 2. Direktor Gosudarstvennogo nauchno-issledovatel'-
skogo instituta psikiatrii Ministerstva zdravookhraneniya
RSFSR (for Fedotov). 3. Otdel psikhozov pozdnego vozrasta Gosu-
darstvennogo nauchno-issledovatel'skogo instituta psikiatrii
Ministerstva zdravookhraneniya RSFSR (for Belkin). 4. Otdel
ekzogennykh nervnopsikhicheskikh rasstroystv Gosudarstvennogo
nauchno-issledovatel'skogo instituta psikiatrii Ministerstva
zdravookhraneniya RSFSR (for Segal). 5. Gosudarstvennyy nauchno-
issledovatel'skiy institut psikiatrii Ministerstva zdravoo-
okhraneniya RSFSR (for Averbakh).

KAMENSKAYA, V.M.; ALEKSANDROVSKIY, Yu.A.

Clinical electroencephalographic study on the effect of
haloperidol in schizophrenia patients. Zhur. nevr. i psikh.
64. no.6:896-902 '64. (MIRA 17:12)

1. Otdel psikhofarmakologii (zaveduyushchiy - kand. med. nauk
G.Ya. Avrutskiy) i elektrofiziologicheskaya laboratoriya
(zaveduyushchiy - prof. E.S. Tolmasskaya) Nauchno-issledovatel'-
skogo instituta psikiatrii (direktor - prof. D.D. Fedotov)
Ministerstva zdravookhraneniya RSFSR, Moskva.

ALEKSANDROVSKIY, Yu.A.

Clinical characteristics of schizophrenia patients resistant to
haloperidol treatment. Vop.klin., patog. i lech. shiz. no.1:5-8
'64. (MIRA 18:5)

1. Otdel psikhofarmakologii (zav. otdelom - kand.med.nauk G.Ya.
Avrutskiy) i otdel shizofrenii (zav. - prof. Rokhlin, L.L.)
Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii
Ministerstva zdravookhraneniya RSFSR.

ALEKSANDROVSKIY, Yu.K., assistant

Ligation of the vena jugularis interna in sinus thrombosis of aural origin. Zdrav. Belor. 4 no.2:36-37 F '58. (MIRA 13:8)

1. Kafedra bolezney ukha, gorla i nosa (zaveduyushchiy - dotsent G.M.Smerdov) Vitebskogo meditsinskogo instituta (direktor instituta - dotsent I.I. Bogdanovich).
(VENA JUGULARIS INTERNA)

ALEKSANDROVSKIY, Yu.K., assistant

~~Foreign body in the bronchi.~~ Zdrav.Belor. 5 no.7:63 J1 '59.
(MIRA 12:9)

1. Klinika bolezney ukha, gorla i nosa Vitebskogo meditsinskogo
instituta (zaveduyushchiy kafedroy - prof.B.A.Shvarts).
(BRONCHI--FOREIGN BODIES)

ALEKSANDROVSKIY Yu.K.

Esophageal polyp in old age; Vest. otorin. 22 no.1:94 Ja-F '60.
(MIRA 14:5)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. B.A.
Shvarts) Vitebskogo meditsinskogo instituta.
(ESOPHAGUS—TUMORS)

ALEKSANDROVSKIY, Yu.K., assistant

Ligation of the external carotid arteries in malignant tumors of the nose, accessory sinuses and pharynx. Zdrav. Bel. 8 no.6:29-31 Je'62. (MIRA 16:8)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - doktor med. nauk S.G.Chevanov) Vitebskogo meditsinskogo instituta.
(NOSE--CANCER) (NOSE, ACCESSORY SINUSES OF--CANCER)
(PHARYNX--CANCER) (CAROTID ARTERY--LIGATURE)

ALEKSANDROVSKIY, Yu.K.

Otogenic sepsis; from data of the Vitebsk Otorhinolaryngological Hospital. Zdrav. Bel. 9 no.3:13-16 Mr'63 (MIRA 16:12)

1. Kafedra bolezney ukha, gorla i nosa (zav. kafedroy - prof. S.G.Chebanov) Vitebskogo meditsinskogo instituta.

ALEKSANDROVSKIY, Yu. S.: Master Tech Sci (diss) -- "Some kinematic problems of descriptive geometry". Moscow, 1959. 9 pp (Min Higher Educ USSR, Moscow Order of Lenin Aviation Inst im Sergo Ordzhonikidze, Chair of Descriptive Geometry), 150 copies (KL, No 14, 1959, 120)

ALEKSANDROVSKIY, Yuriy Viktorovich; RAZUMOV, Yuriy Vasil'yevich;
SERDYUKOV, S.A., nauchnyy red.; SHAURAK, Ye.N., red.;
ERASTOVA, N.V., tekhn.red.

[Measurement of heat processes in marine steam power plants]
Teplotekhnicheskie izmereniia v sudovykh parosilovykh usta-
novkakh; spravochnoe posobie. Leningrad, Gos.soiuznoe izd-vo
sudostroitel'.promyshl., 1960. 355 p. (MIRA 13:7)
(Marine engineering) (Steam power plants)
(Measuring instruments)

ALEKSANDROVSKIY, Yu. V., Eng. — Cand. Tech. Sci.

Dissertation: "Potential Water Power Resources of the Ural Mountain Rivers." Moscow
Order of Lenin Power Engineering Inst imeni V. M. Molotov, 28 Feb 47.

SO: Vechernyaya Moskva, Feb, 1947 (Project #17836)

ALEXANDROVSKY

3(4,7) PHASE I BOOK INFORMATION 507/240

Vsesoyuznyy gidrologicheskiy s'ezd, 1957, Leningrad, 1957.
Trudy... III: Sektsiya gidrofiziki (Transactions of the 3rd All-Union Hydrological Convention. V. 3: Hydrophysics Section). Leningrad, Gidrometizdat, 1959. 470 p. Errata slip inserted. 2,000 copies printed.

Sponsoring agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovetskom Ministre SSSR.

Resp. Ed.: V.A. Uryayev; Ed.: V.S. Protodopov; Tech. Ed.: N.I. Braynina.

FUNDS: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.

COVERAGE: This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The Conference published 10 volumes on various aspects of hydrology of which this is number 3. The editorial board in charge of the series include: V.A. Uryayev (Chairman), O.A. Alekin, Ye.V. Bliznyak (deceased), O.M. Borzov, M.A. Velikanov, L.K. Davydov, A.P. Domantitskiy, O.P. Kalinin, S.M. Krivitskiy, B.I. Kuslin, L.P. Manolov, M.P. Menkel', B.P. Orlov, I.V. Popov, A.K. Prokhorovskiy, D.L. Sokolovskiy, O.A. Spengler, A.I. Voznesenskiy, and A.K. Chervinskiy. This volume is divided into 2 sections: the first section reports on the first section for the study of evaporation processes and the second contains reports from the snow and ice subsection. References accompany each article.

Sokolnikov, M.M. [Engineer, Leningrad] Problems of the Ice and Thermal Regimen of Rivers and Reservoirs in Water Power Projects 348
Lylo, V.M. [Candidate of Geographical Sciences] Variations in the Glacial-Thermal Regimen of the Angara River During the Flooding of the Irkutsk Water Reservoir at a Time of Intensive Sludge Formation 353

Golits, Ye. L., Ye. Ye. Zayatin, and N.I. Smolin [Engineers] Studying the Winter Regimen of the Angara River While Planning Hydroelectric Power Stations 359

Aleksandrovskiy, Yu. V. [Recent Candidate of Technical Sciences], "Investigation of the Winter Regimen of the Winter Level Regimen of the Tall-water of Hydroelectric Power Stations 369

Svetitskiy, V.P. [Engineer, SAOIdop, Tashkent] Winter Regimen of the Hydroelectric Power Station of the Chirchik-Bozayevskiy Cascade 377

Nyasha, Y.A. [Candidate of Technical Sciences, OOI Leningrad] Studying the Conditions of Ice Development on Rivers Carrying Sludge Ice 382

Dobchenko, E.Z. [Candidate of Technical Sciences, OOI Leningrad] Experimental Studies of the Physical Properties of Sludge Ice 391

Berdnikov, V.E. [Candidate of Technical Sciences, OOI Leningrad] Methods for Studying the Formation of Sludge Jams 394

Kravchenko, M.A. [Engineer, UMS Moldavia, Kishinev] Formation of Ice Blocking on the Dniester River and Methods of Studying Them 401

Bazukov, A.A. [Director of the Observatory, UMS Lithuanian SSR] Reasons and Mechanisms of Ice Blocking on the Neman River, Prevention and Control 406

Piotrovich, V.Y. [Candidate of Technical Sciences, TsIP Moscow] Results of Studying the Melting Ice Cover on the Kiyas'inskoye Reservoir 414 (4)

GRATSIANSKIY, M.N., kand. tekhn. nauk; KOSTOMAROV, V.M., kand. tekhn. nauk; ALEKSANDROVSKIY, Yu.V., kand. tekhn. nauk; KARAGODIN, V.L., inzh.; KARAGODIN, A.L., inzh.; ANUFRIYEV, V.Ye., kand. tekhn. nauk; KURDYUMOV, M.D., inzh.; DZHUNKOVSKIY, N.N., doktor tekhn. nauk, prof.; ABRAMOV, S.K., kand. tekhn. nauk; KEDROV, V.S., kand. tekhn. nauk; GIBSHMAN, Ye.Ye., prof., red.; YEGOROV, P.A., inzh., red.; VARGANOVA, A.N., red. izd-va; LEIYUKHIN, A.A., tekhn. red.

[Manual for the design, construction and operation of urban roads, bridges and hydrotechnical structures] Spravochnik po proektirovaniyu, stroitel'stvu i ekspluatatsii gorodskikh dorog, mostov i gidrotekhnicheskikh sooruzhenii. Red. kol. E.E. Gibshan, N.N.Dzhunkovskii, P.A.Egorov. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Hydrotechnical structures] Gidrotekhnicheskie sooruzhenia. Red. toma: N.N.Dzhunkovskii, M.D.Kurdiumov. 1961. 706 p. (MIRA 15:3)
(Hydraulics) (Hydraulic engineering)

ALEKSANDROVSKIY, Yu.V., kand.tekhn.nauk

Useful collection. Gidr.stroi. 31 no.5:63-64 My '61. (MIRA 14:6)

(Hydrology)

GRATSIANSKIY, Mikhail Nikolayevich, dots., kand. tekhn.nauk;
ALEKSANDROVSKIY, Yuriy Vladimirovich, dots., kand. tekhn. nauk;
IZOTOV, B.S., dots., retsenzent; SUROV, I.Ye., inzh., retsen-
zent; BONDAR', F.I., inzh., retsenzent; SAMSONOVA, M.T., red.;
VORONINA, R.K., tekhn. red.

[Hydrology and hydraulic structures] Gidrologiia i gidrotekhni-
cheskie sooruzheniia. Moskva, Gos. izd-vo "Vysshiaia shkola,"
1961. 351 p. (MIRA 15:3)

1. Kafedra gorodskogo stroitel'stva i khozyaystva Leningrad-
skogo inzhenerno-stroitel'nogo instituta (for Izotov).
(Hydraulic engineering)

ALEKSANDROW, D.

ASKANAS, Z.; ALEKSANDROW, D.

Plans for investigations on functional disorders of the
cardiovascular system based on Pavlovian nervism. Polski
tygod. lek. 6 no.21-22:689-692 28 May 1951. (CIML 21:1)

1. Of the Second Clinic of Internal Diseases (Head -- Prof.
M. Semerau-Siemianowski, M.D.) of Warsaw Medical Academy.

ALEKSANDROW D.

ALEKSANDROW D. and WYSZNACKA W. IIKlin. Chor. wewn., Akad. med., Warszawa. O tzw. niedotlenieniu prawej komory So-called hypoxia of the right ventricle Polsk. Tyg. lek. 1953, 8/21 (745-748) Graphs 3

The cases were selected in which reversed T was found in precordial leads, corresponding to the right ventricle (C₁ to C₃ or even C₄). In 47 patients this finding could not be explained either by right ventricular strain, right bundle branch block or by infarction. In 16 cases these changes were due to acute or chronic cor pulmonale, in 10 cases to a myocardial lesion. In the remaining 21 cases various climacteric disturbances were present. In none of these latter cases could the previous suspicion of coronary disease be confirmed clinically (anamnesis, physical examination, X-rays, ECG, nitroglycerin and gynergen tests). The authors are of the opinion that the ECG changes mentioned do not represent an impaired blood supply but correspond to disorders of the nervous regulation of trophic function of the myocardium.

Gibinski - Bytom

SO: EXCERPTA MEDICA, Section VI, Vol. 8, #1, January 1954

ALEKSANDROW, Dymitr

ALEKSANDROW, Dymitr; SZNAJDERMAN, Marek

Treatment of lipoid nephrosis with ACTH. Polskie arch. med.
wewnetrz. 23 no.5:635-642 1953.

1. Z II Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie.
Kierownik: prof. dr med. M. Semerau-Siemianowski.

(ACTH, therapeutic use,

*nephrosis, lipoid)

(NEPHROSIS,

*lipoid, ther., ACTH)