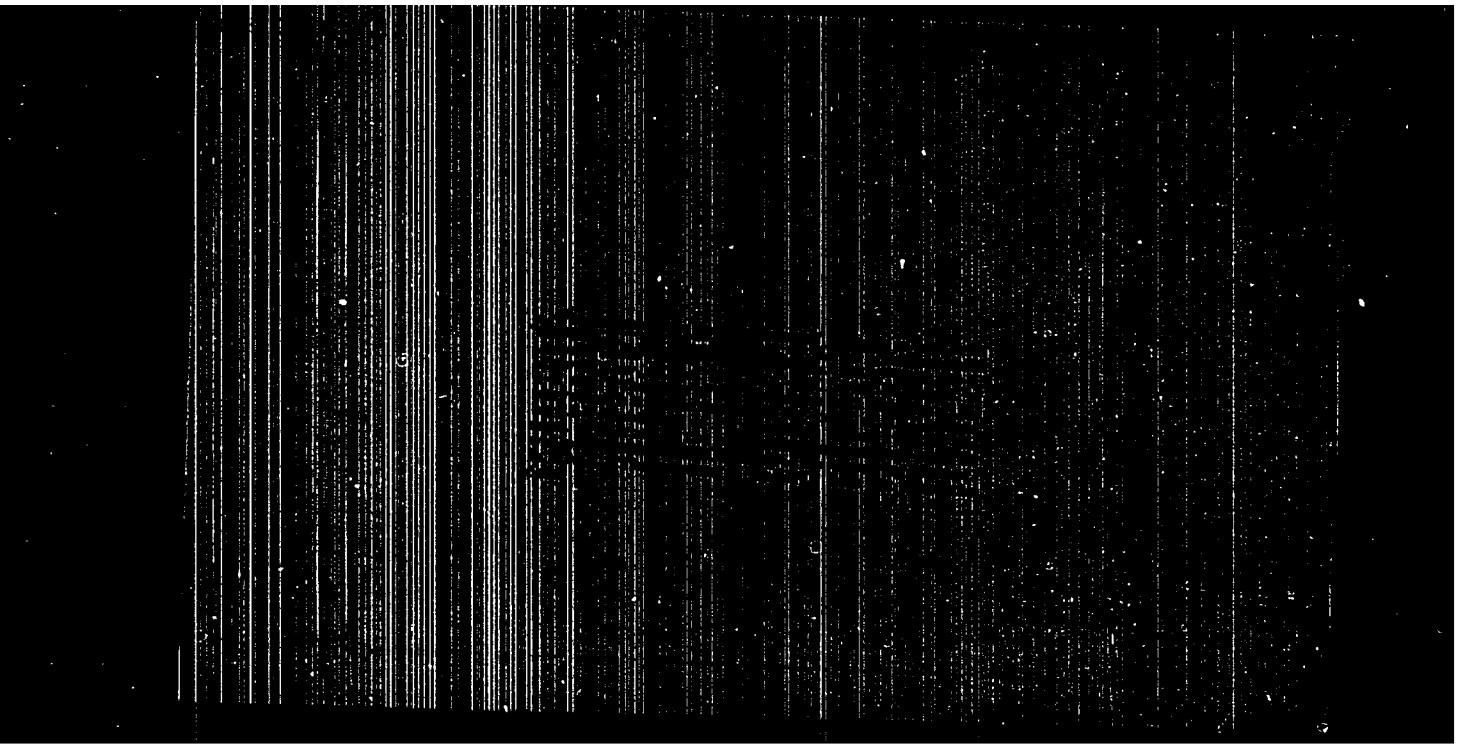


APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000101020005-2"

BUKHALOVA, O.A.; ALEKSHINA, N.M.

The reaction of vanadinite in fusions of orthovanadates and chlorides of lithium and lead. Doklady Akad. Nauk S.S.S.R. 88, 819-20 '53. (MLRA 6:2) (CA 47 no.22:12138 '53)

1. Rostov State Univ.

05884

5(2) SOV/78-4-11-37/50

AUTHORS: Golubeva, M. S., Aleshkina, N. N., Bergman, A. G.

TITLE: The Melting Diagram of the Ternary Systems of Sodium- and Potassium Acetates, Rhodanides and Thiosulphates

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 11, pp 2606-2610 (USSR)

ABSTRACT: The reason for investigating these systems was the necessity of finding low-melting baths for sulphidising the surface of metal products. The binary system $(NaCNS)_2$ - $(CH_3COONa)_2$ forms a eutectic. The binary systems $(NaCNS)_2$ - $Na_2S_2O_3$ and $(CH_3COONa)_2$ - $Na_2S_2O_3$ could not be investigated since the components decompose on heating before they are melted. The ternary system Na^+ ‖ CNS^-, $S_2O_3^{2-}$, CH_3COO^- (Table 1, Figs 1, 2) has three crystallization fields of its components meeting in the eutectic point at 222° and the composition of 32% $(CH_3COONa)_2$, 40% $(NaCNS)_2$, 28% $Na_2S_2O_3$. In the binary system $(KCNS)_2$ - $(CH_3COOK)_2$, the compound $2KCNS.CH_3COOK$ melting at 134°

Card 1/2

is formed. The system $(KCNS)_2$ - $K_2S_2O_3$ could only be investigated - because of decomposition of the organic component on heating - up to a content of 35% $K_2S_2O_3$, the system $(CH_3COOK)_2$ - $K_2S_2O_3$ only up to a content of 25% $K_2S_2O_3$. The ternary system $K^+ \| CNS^-, S_2O_3^{2-}, CH_3COO^-$ (Fig 3, Table 2) forms four crystallization fields, three of the components and one of the compound $2KCNS.CH_3COOK$. The two ternary systems could not be completely investigated either, since the thermal stability decreases with an increasing thiosulphate content, and decomposition occurs. There are 5 figures, 2 tables, and 2 Soviet references.

SUBMITTED: June 16, 1958

Card 2/2

TUROVA, A.D., professor, zaveduyushchaya; ALESHKINA, Ya.A.

Pharmacology of folinerin. Farm.i tokс. 16 no.2:35-36 Mr-Ap '53.
(MLRA 6:6)

1. Otdel farmakologii Vsesoyuznogo instituta lekarstvennykh i aromaticheskikh rasteniy. (Folinerin)

TUROVA, A.D., professor; ALESHKINA, Ya.A.

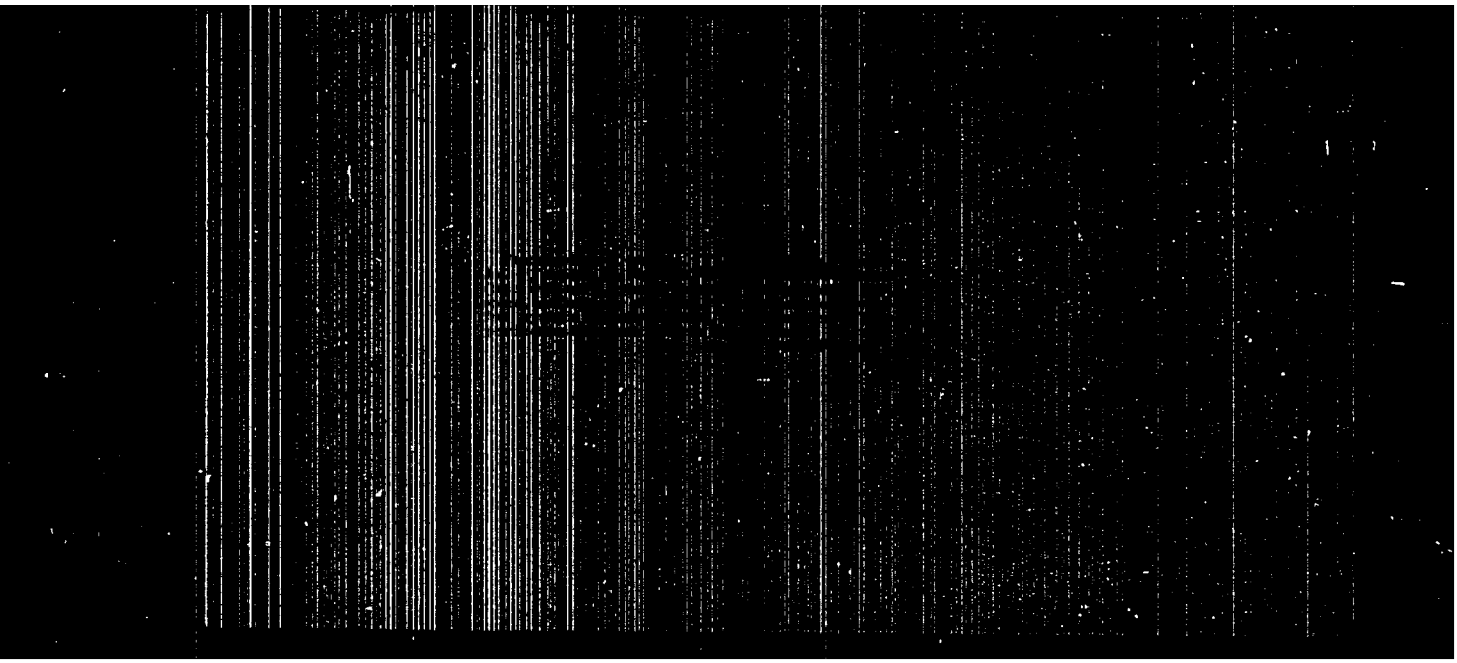
Ginseng extract as a medicament. Sov.med. 17 no.6:31-32 Je '53.
(MLRA 6:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy Ministerstva zdravookhraneniya SSSR. (Ginseng)

ALESHKINA, Ya. A.

Dissertation: "Pharmacological Investigation of Preparations of Apocynum Cannabinum Cannabinaceum." Cand Med Sci, First Moscow Order of Lenin Medical Inst, 13 Sep 54. (Vechernyaya Moskva, Moscow, 5 Aug 54)

SO: SUM 393, 28 Feb 1955



APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000101020005-2"

ALESHKINA, Ya. A.

USSR / Pharmacology, Toxicology, Analeptics U-3

Abs Jour : Referat Zhur.-Biol., No 1, 1958, No 3400

Author : Turova, A.D., Aleshkina, Ya.A.

Inst : Not given.

Title : Pharmacology of a New Securinin Alkoloid.

Orig Pub : Farmakol. i toksikologiya, 1956, 19, No 4, 11-17.

Abstract : The pharmacological action of securinin was studied in mice and cats. In a dose of 1-10 mg/kg it had a stimulating effect on the CNS (increased reflexes, convulsions, luminal antagonism). Its range of therapeutic action was greater than that of strychnine. Small doses of securinin (0.01-0.2 mg/kg) acting on the cat hearts in situ caused an increase in the amplitude of cardiac contractions; large doses (1-5 mg/kg) had an inhibitory action. There was an

Card : 1/2

TUROVA, A.D.; ALEKSHKINA, Ya.A.

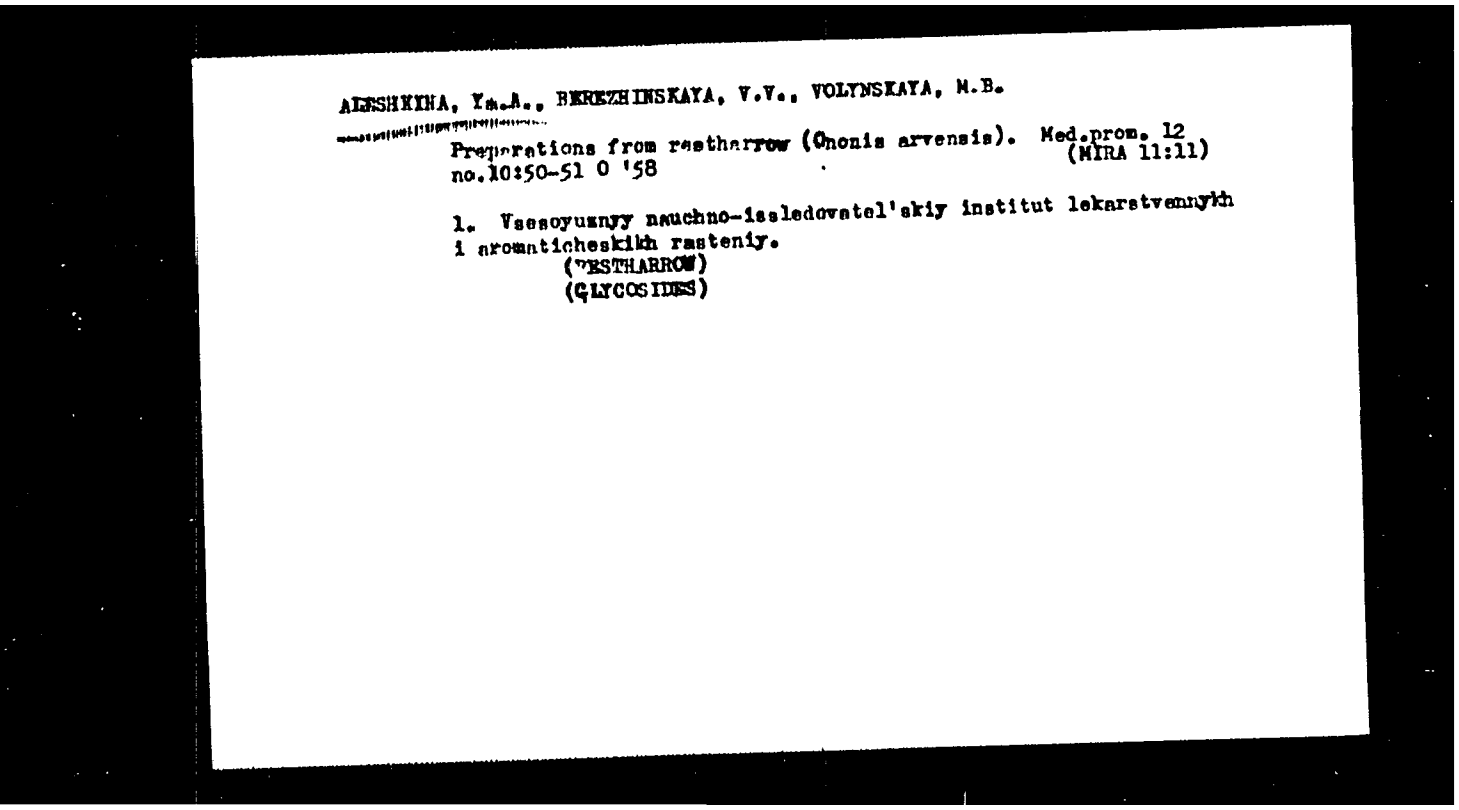
Securinine as a new drug. Med.prom. 11 no.1:54-55 Ja '57. (MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(PHARMACOLOGY)

ALEKHKINA, Ye.A.; ROSTOTSKIY, B.K.

Aloe emulsion, a new drug. Med.prom. 11 no.4:54-55 Ap '57.
(MLRA 10:6)

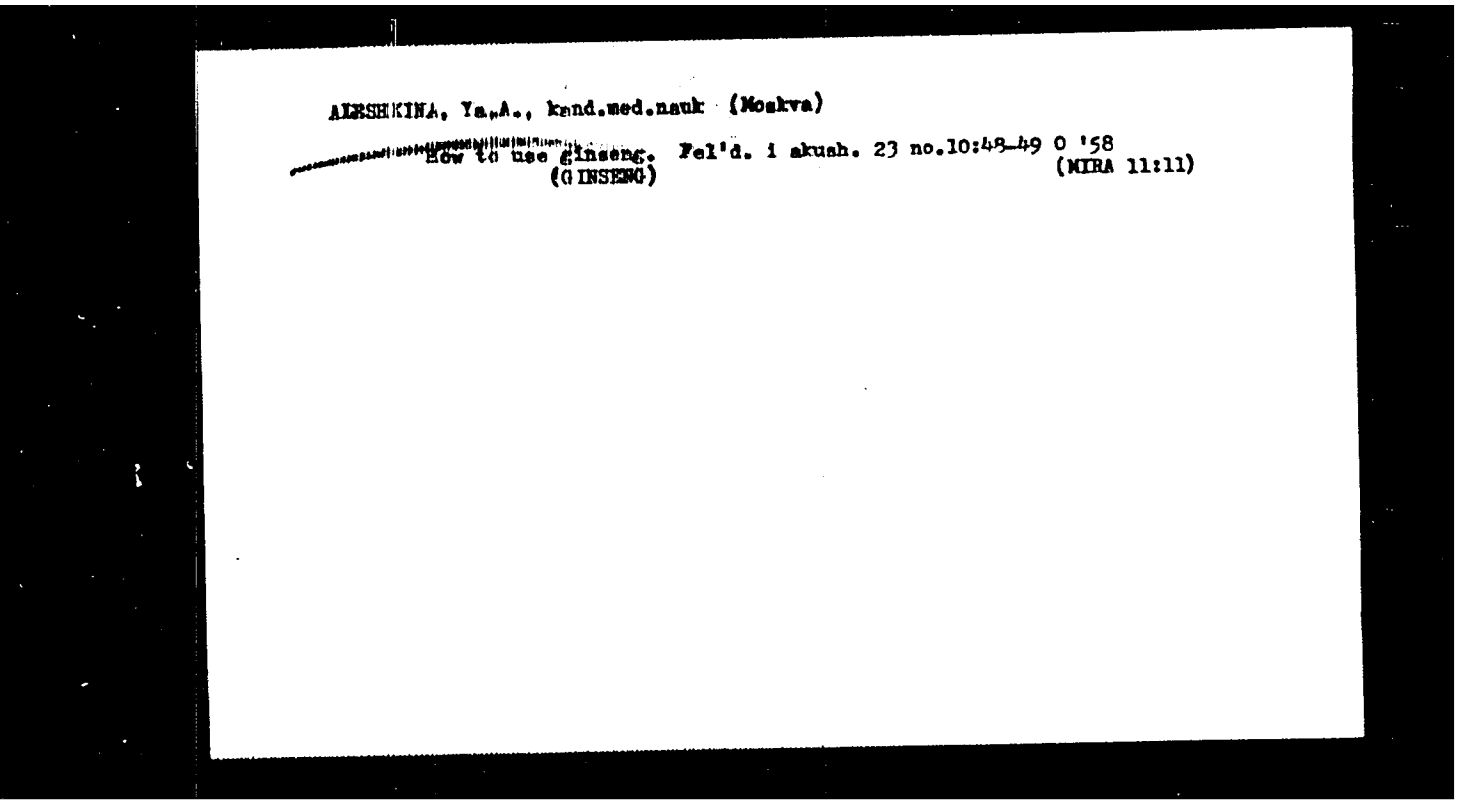
1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(ALOE)



ALESHKINA, Ya.A., BEREZHINSKAYA, V.V., VOLYNSKAYA, M.B.

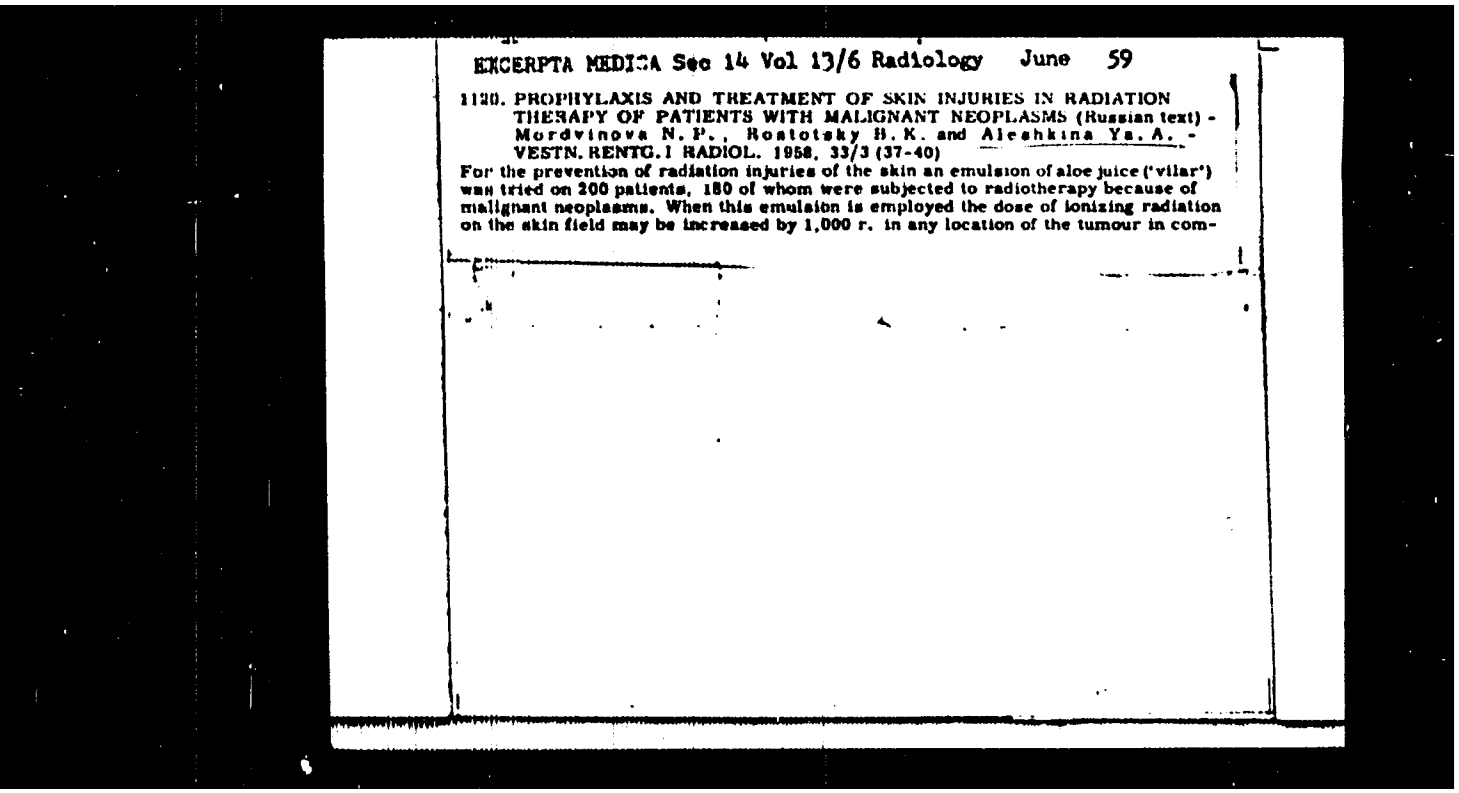
Preparations from restharrow (Ononis arvensis). Med.prom. 12 no.10:50-51 O '58 (MIRA 11:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(RESTHARROW)
(GLYCOSIDES)



ALESHKINA, Ya.A., kand.med.nauk (Moskva)

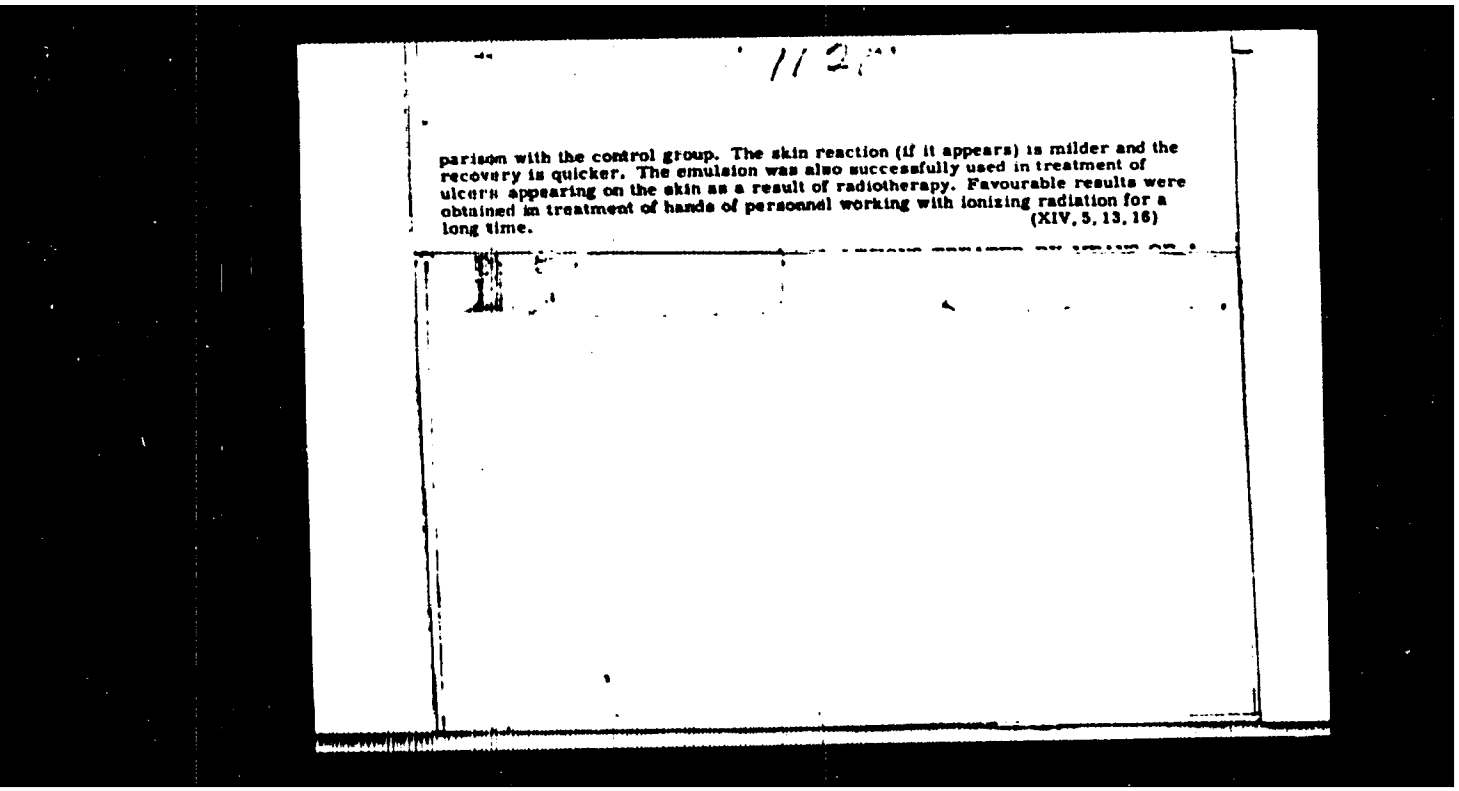
How to use ginseng. Fel'd. i akush. 23 no.10:48-49 O '58 (MIRA 11:11)
(GINSENG)



EXCERPTA MEDICA Sec 14 Vol 13/6 Radiology June 59

1120. PROPHYLAXIS AND TREATMENT OF SKIN INJURIES IN RADIATION THERAPY OF PATIENTS WITH MALIGNANT NEOPLASMS (Russian text) - Mordvinova N. P., Rostotsky B. K. and Aleshkina Ya. A. - VESTN. RENTG. I RADIOL. 1958, 33/3 (37-40)

For the prevention of radiation injuries of the skin an emulsion of aloe juice ('vilar') was tried on 200 patients, 180 of whom were subjected to radiotherapy because of malignant neoplasms. When this emulsion is employed the dose of ionizing radiation on the skin field may be increased by 1,000 r. in any location of the tumour in com-



parison with the control group. The skin reaction (if it appears) is milder and the recovery is quicker. The emulsion was also successfully used in treatment of ulcers appearing on the skin as a result of radiotherapy. Favourable results were obtained in treatment of hands of personnel working with ionizing radiation for a long time. (XIV, 5, 13, 16)

ROSTOTSKIY, B.K.; ALESHKIN, Ya.A.; MORDVINOVA, N.P.

Aloe emulsion as a means of preventing and treating skin injuries following radiation therapy. Trudy VILAR no. 11:301-309 '59.
(MIRA 14:2)

(ALOES—THERAPEUTIC USE) (RADIATION—TOXICOLOGY)
(SKIN—WOUNDS AND INJURIES)

SHEVELEV, V.A.; BAN'KOVSKIY, A.I.; ALESHKINA, Ye.A.

Active substances of the cardiac drug "Kardiovalen." Trudy VILAR no. 11:317-329 '59. (MIRA 14:2)
(CARDIAC GLYCOSIDES)

ALEKSEYEVA, Ye.A.; TRUTNEVA, Ye.A.

Infusion from Aralia mandschurica Rupr. Med.prom. 13 no.4:55 Ap '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(GINSENG)

ALESHKINA, Ya.A.; BEREZHINSKAYA, V.V.; VOLYNSKAYA, M.B.

Sirup of aloe with iron in the treatment of anemia. Med. prom. 13 no.8:62-63 Ag '59. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(ALOE) (ANEMIA)

VICHKANOVA, S.A.; RUBINCHIK, M.A.; IL'INSKAYA, T.N.; ALESHKINA, Ya.A.

Liutenurin, a new contraceptive substance and agent against trichomonas. Med.prom. 16 no.5:56-57 My '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromaticheskikh rasteniy.
(TRICHOMONAS) (CONTRACEPTIVES)

ALESHKINA, Ya.A.; BEREZHINSKAYA, V.V.

Pharmacology of the glycosides of Thevetia peruviana. Farm. i toks. 25 no.6:720-725 N-D '62. (MIRA 17:8)

1. Laboratoriya narodnoy meditsiny (zav. - kand. med. nauk V.V. Berezhinskaya) Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromaticheskikh rasteniy.

ACC NR: AP6024675 SOURCE CODE: UR/0070/66/011/004/0695/0698

AUTHOR: Abov, Yu. G.; Aleshko-Ozhevskiy, O. P.; Yermakov, O. N.; Yamzin, I. I.

ORG: Institute of Crystallography, AN SSSR (Institut kristallografii AN SSSR)

TITLE: The generation of a beam of polarized monochromatic neutrons

SOURCE: Kristallografiya, v. 11, no. 4, 1966, 695-698

TOPIC TAGS: neutron beam, ~~reactor neutron~~, neutron polarization, nuclear reactor component, neutron reaction, thermal neutron, magnetic property

ABSTRACT: In recent years, investigations of magnetic properties of a substance have made extensive use of polarized thermal neutrons. Heretofore, the Soviet Union had only installations on which the polarized neutrons were generated by reflection from a magnetized cobalt mirror. However, many problems require a polarized beam of monochromatic neutrons. In this article, the authors describe an assembly developed at the ITEF GK IAE jointly with the Institute of Crystallography, AN SSSR (Institut kristallografii AN SSSR). The circuit of the installation is shown in Fig. 1. There is sometimes a need to have a beam of neutrons with an opposite polarization. The authors used the radiofrequency method for the reorientation of spin orientation. A value of 0.98 ± 0.02 was obtained for the spin reorientation probability.

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ACC NR: AP6024675

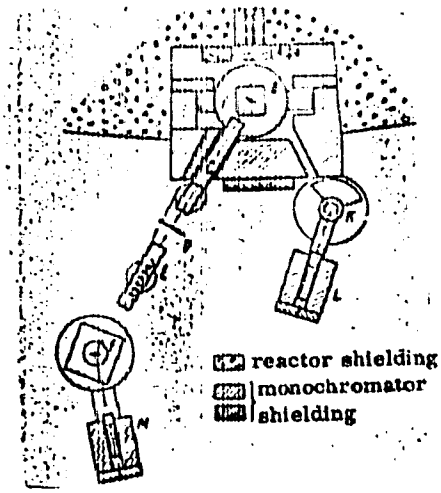

Fig. 1. Circuit of an assembly of two diffraction meters on a reactor channel.

A - stage of replaceable monochromators
B - magnet of the crystal-polarizer
C - first section of the driving field
D - diaphragm, or "shim"
E - second section of the driving field with a radiofrequency coil
F - magnet of the analyzer crystal
K, L - small diffraction meter
M - neutron detector of the large diffraction meter

Card 2/3

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ACC NR: AP6024675

3

Measurements of the polarization and of the probability of its reorientation in the center and at the edge of the beam (± 15 mm from the center) agreed. The authors express their sincere gratitude to V. A. Lyubimtsev, P. M. Shishkin, and S. F. Dubinin for assistance in making the measurements and assuring the operation of the equipment. Orig. art. has: 4 figures and 2 formulas. [26]

SUB CODE: 18/ SUBM DATE: 14Nov64/ ORIG REF: 006/ OTH REF: 005/ ATD PRESS: 5067

Card 3/3

ALESHKO, P.I., inzh.; NIKOLAYENKO, A.T., inzh.; YUDITSKIY, G.I., inzh.

Hydraulic driving for boring machinery. Shakht.stroi. no.2:6-10 F '59. (MIRA 12:3)

(Boring machinery)
(Oil hydraulic machinery)

UGINCHUS, Aleksandr Antonovich. prof., doktor tekhn. nauk; Prinimal uchastiye ALESHKO, P.I., inzh., star.prep.; RAFALES-LAMARK, E.E., dots., kand. tekhn. nauk, retsenzent; TRET'YAKOVA, A.N., red.; ZADOROZHNYY, V.S., tekhn. red.

[Hydraulics and hydraulic machinery] Gidravlika i gidravlicheskie mashiny. Izd.2., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1960. 358 p. (MIRA 14:9)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury USSR (for Uginchus). 2. Khar'kovskiy politekhnicheskiy institut im. V.I.Lenina (for Aleshko).
(Hydraulics) (Hydraulic machinery)

MALISHEVSKIY, Nikolay Georgiyevich; KONDRAT'YEV, Nikolay Ivanovich; ALEKSHKO, Pavel Ivanovich; MALOVA, Nadezhda Mikhaylovna; TRET'YAKOVA, A.N., red.; TROFIMENKO, A.S., tekhn.red.

[Water-supply and sewerage pumps and pumping stations] Vodoprovodnye i kanalizatsionnye nasosy i nasosnye stantsii.Pod red. N.G.Malishevskogo. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1960. 394 p. (MIRA 14:5)
(Pumping stations)

ALESHKO, P.I., inzh.

Results of the study of the operating processes of a two-stage hydraulic torque converter of a drilling rig. Izv.vys.ucheb.zav.; energ. 4 no.5:114-121 My '61. (MIRA 14:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina. Predstavlena kafedroy gidravlicheskikh mashin.
(Boring machinery—Hydraulic driving)

ALESHKO, P.I., starshiy prepodavatel'

Determining design parameters of the pump wheel of a turbine transformer proceeding from the maximum power of the current. Izv.vys.-ucheb.zav.; mashinostr. no.11:22-31 '61. (MIRA 14:12)

1. Khar'kovskiy politekhnicheskiy institut.
(Turbomachines)

ALTSHKO, S.

Average progressive norms for the consumption of milk in cheese making. Mol. prom. 13 No. 9, 1952.

SO: M.R.M. December 1952

9.3150

65958
SOV/58-59-4-8707

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 4, p 191 (USSR)

AUTHOR: Aleshkov, B.M.

TITLE: Formation of a Self-Sustained Discharge on the Negative Electrode in a Plasma

PERIODICAL: Tr. Vses. elektrotekhn. in-ta, 1958, Nr 63, pp 48 - 53

ABSTRACT: The author investigated the volt-ampere characteristics of a probe that was negatively charged relative to the discharge plasma in Hg vapors (at a pressure of ~ 1 mm Hg) in order to determine the possibility of inducing a self-sustained discharge through the probe. He carried out experiments on a mercury probe, a plane graphite probe, and a spherical tungsten probe. In the last two cases the design of the discharge tube was altered in such a way as to eliminate the possibility that drops of mercury might fall upon the probe. In these same two cases the self-sustained discharge was observed to effect a transition from probe operation to cathode operation on account of the supplementary ionization

Card 1/2

65958

SOV/58-59-4-8707

Formation of a Self-Sustained Discharge on the Negative Electrode in a Plasma

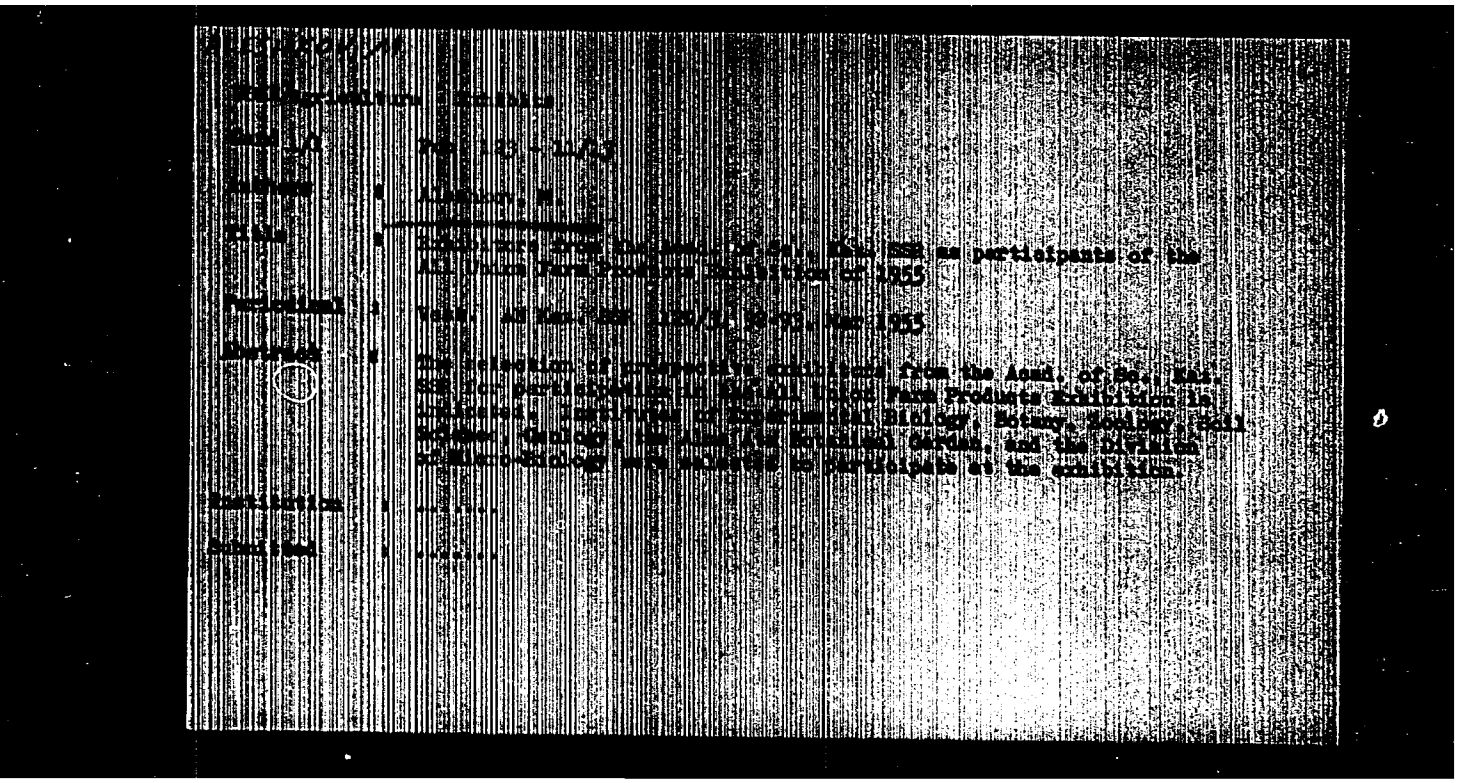
of the Hg vapors by the secondary electrons arising as a result of ion impacts against the surface of the probe. A gradual transition to self-sustained discharge was not secured on the Hg probe, owing to chaotic back-firing on the glass - mercury boundary.

N.N. Nikolayevskaya

Card 2/2

ALESHKOV, M.

Candidates for participation in the All-Union Agricultural Exhibition during 1955 from the Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh. SSR 11 no.3:92-93 Mr '55. (MLRA 8:6)
(Moscow--Agricultural exhibitions)



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AM5025577

BOOK EXPLOITATION

UR/ 355.9 A49

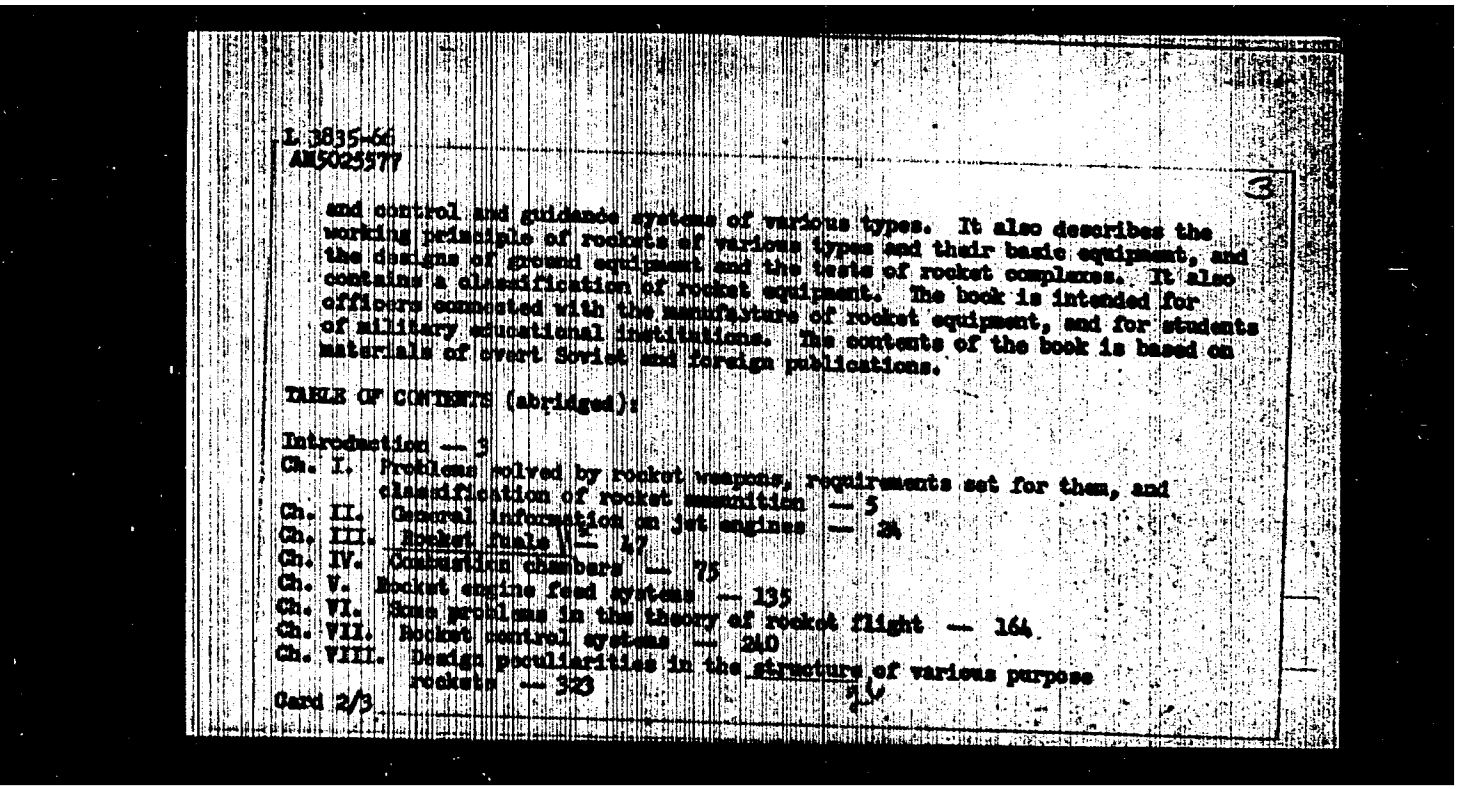
Aleshkov, M. N. (Candidate of Technical Sciences, Engineer-Colonel); Vyzubov, [illegible] (Engineer-Colonel); [illegible] (Professor, Doctor of Technical Sciences, General Major of the [illegible]); [illegible]nov, M. M. (Doctor of Technical Sciences, Docent Engineer-Colonel); [illegible], D. D. (Candidate of Technical Sciences, Colonel); Markov, O. P. (Docent, Candidate of Technical Sciences, Engineer-Lieutenant Colonel); [illegible], M. V. (Engineer-Colonel); Smirnov, A. D. (Engineer-Colonel); Fomin, YU. [illegible] (Candidate of Technical Sciences, Engineer-Colonel)

Physical principles of rocket weapons (Fizicheskiye osnovy raketnogo orushiya) Moscow, Voyenizdat M-va obor. SSSR, 1965. 463 p. illus., biblio. 12,000 copies printed.

TOPIC TAGS: rocket, rocket flight, weapon, projected ammunition, jet engine, rocket propellant, combustion chamber, engine fuel system, rocket guidance, missile ground equipment, rocket engine test, jet propulsion

PURPOSE AND COVERAGE: The book presents the principles of the theory of flight, the physical principles of jet propulsion, describes rocket engines and fuels,

Card 1/3



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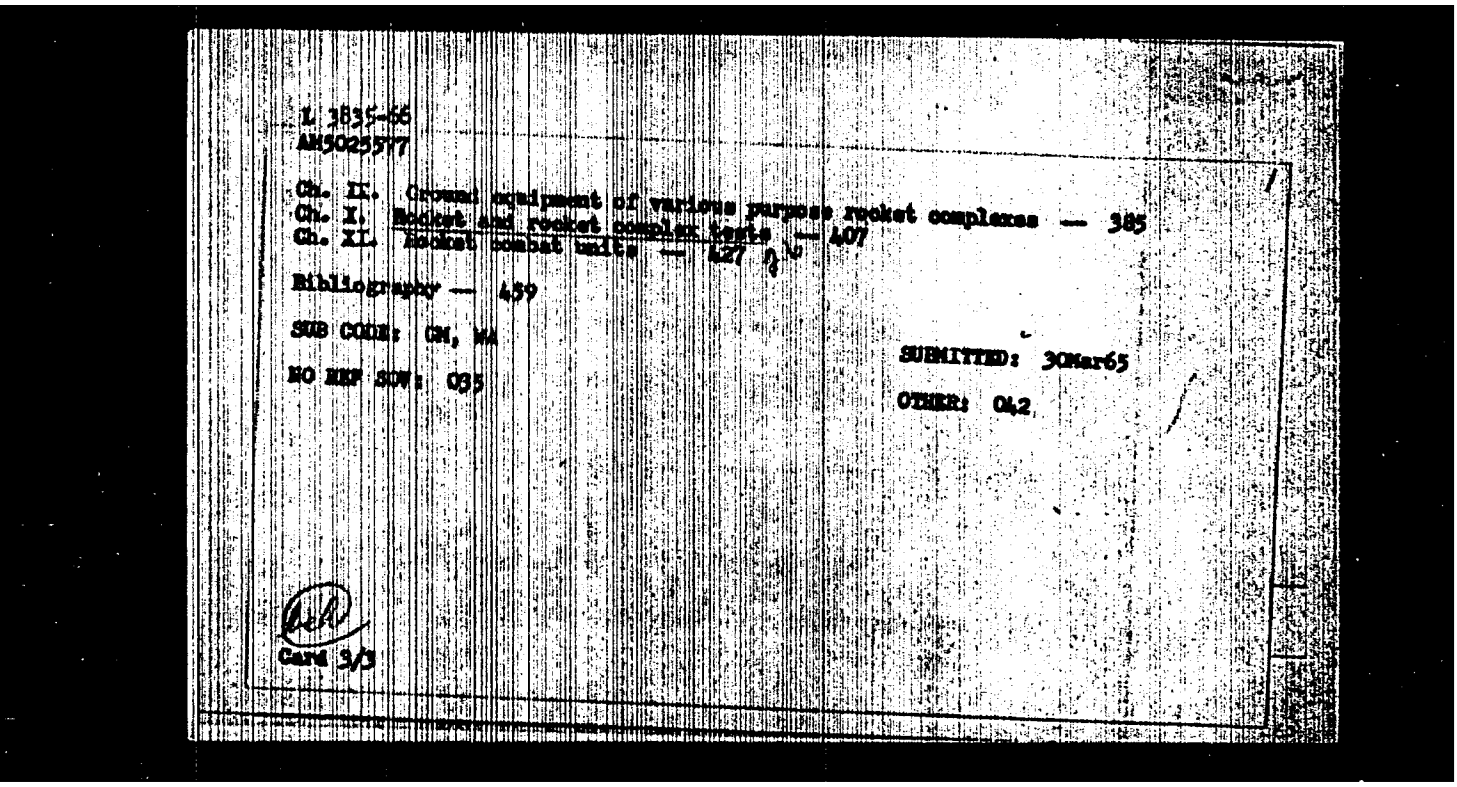
(3)

and control and guidance systems of various types. It also describes the working principle of rockets of various types and their basic equipment, and the designs of ground equipment and the tests of rocket complexes. It also contains a classification of rocket equipment. The book is intended for officers connected with the manufacture of rocket equipment, and for students of military educational institutions. The contents of the book is based on materials of overt Soviet and foreign publications.

TABLE OF CONTENTS (abridged):

Introduction — 3
Ch. I. Problems solved by rocket weapons, requirements set for them, and classification of rocket ammunition — 5
Ch. II. General information on jet engines — 24
Ch. III. Rocket fuels — 47
Ch. IV. Combustion chambers — 75
Ch. V. Rocket engine feed systems — 135
Ch. VI. Some problems in the theory of rocket flight — 164
Ch. VII. Rocket control systems — 240
Ch. VIII. Design peculiarities in the structure of various purpose rockets — 323

Card 2/3



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Ch. IX. Ground equipment of various purpose rocket complexes — 385
Ch. X. Rocket and rocket complex tests — 407
Ch. XI. Rocket combat units — 427

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SUB CODE: GM, MA

SUBMITTED: 30Mar65

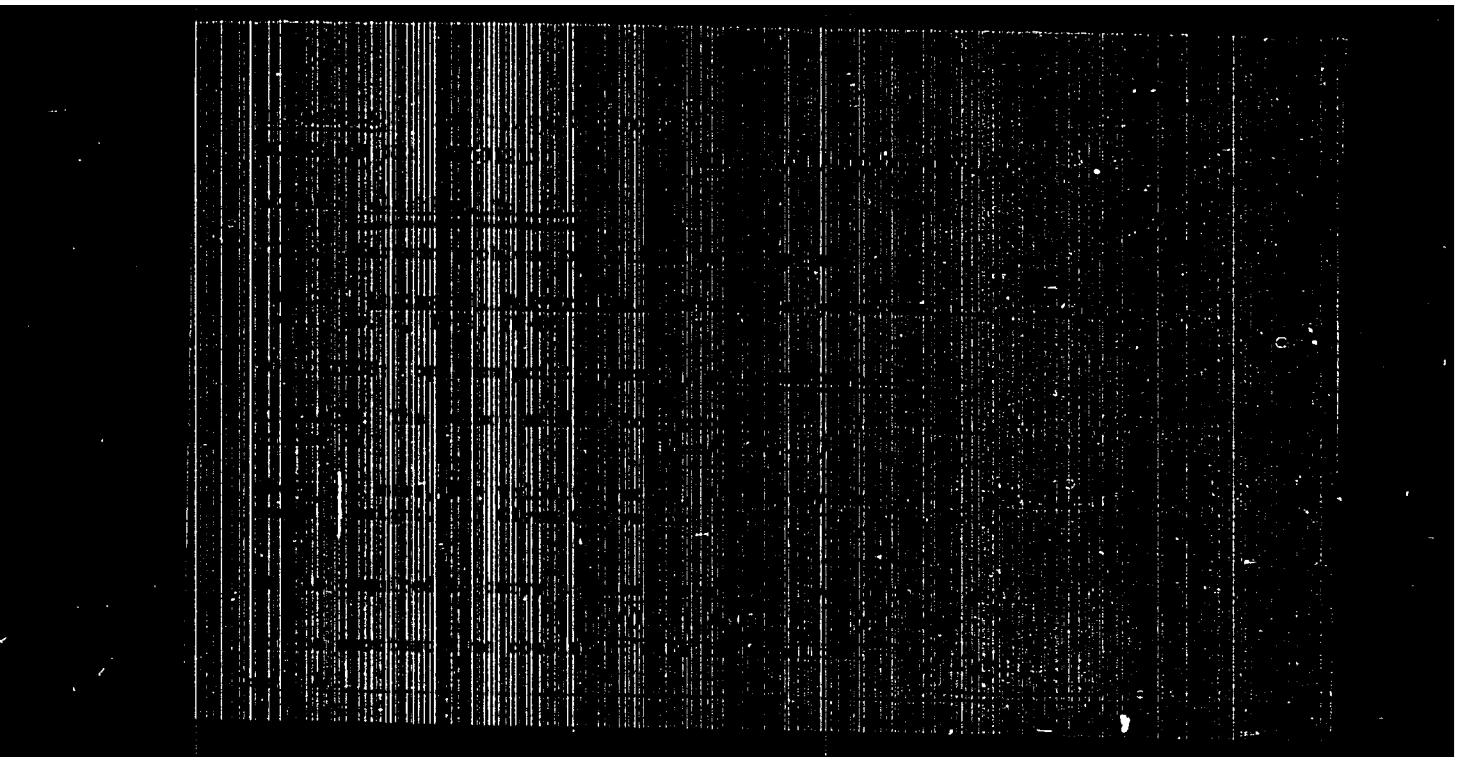
NO REF SOV: 035

OTHER: 042

Card 3/3

ALEShKOV, Yu.Z.

Optimal placement of a point on a trajectory corresponding to the required method of launching. Vest. LGU. 18 no.19:85-91 '63. (MIRA 16:11)



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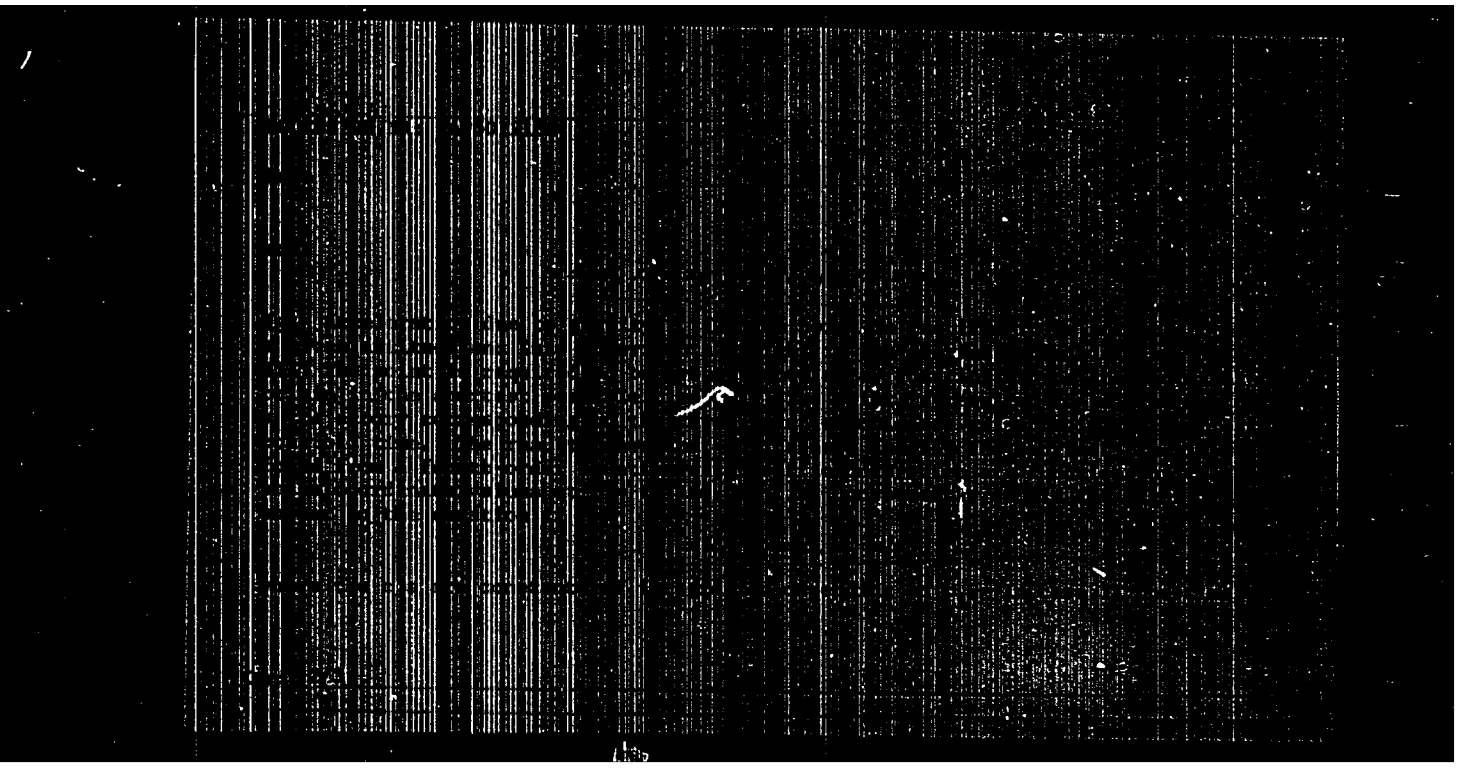

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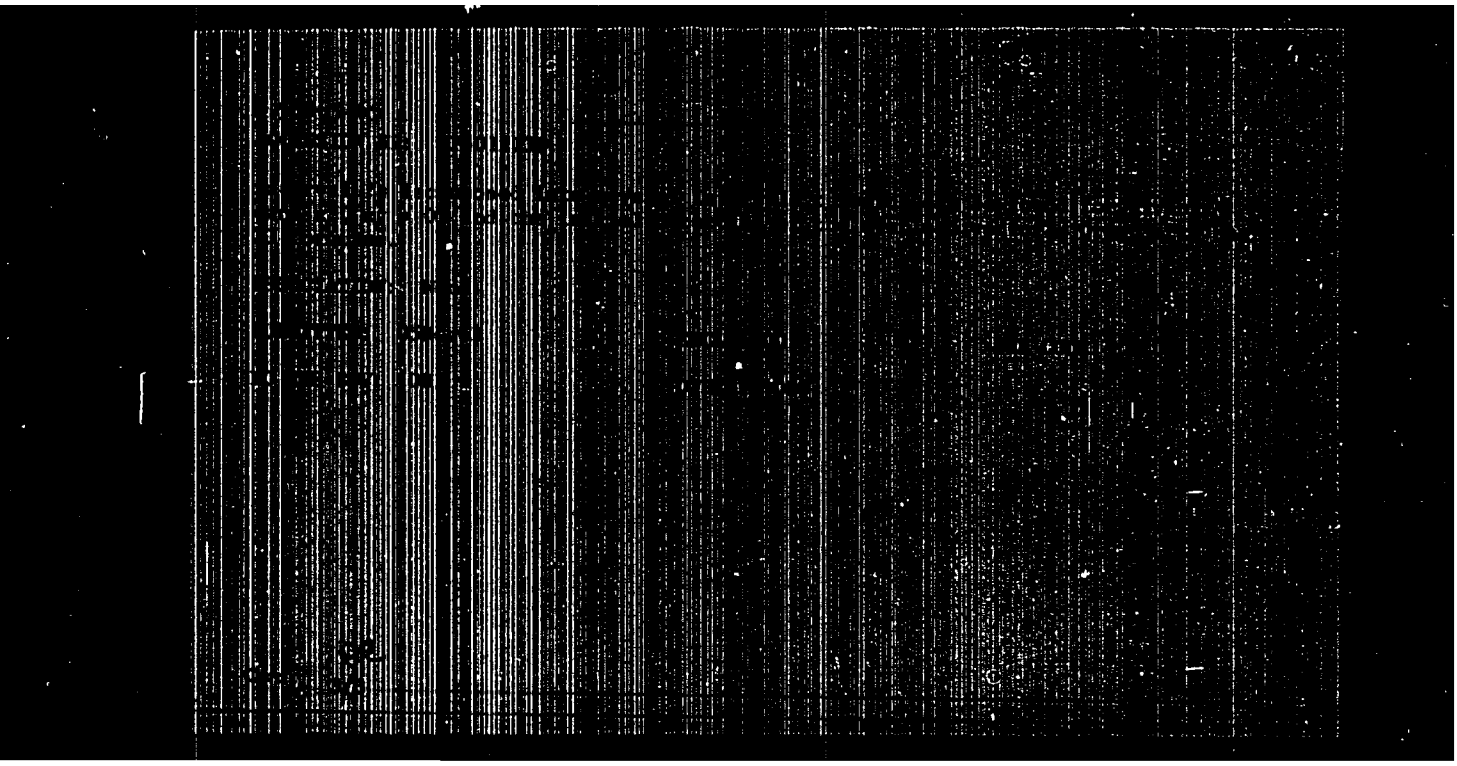

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L 11770-66 EWP(m)/EEC(k)-2/EWT(d)/EWP(l)/FSD/EWA(d)/FSS-2 IJP(c) GW/BC/AEW
ACC NR: AP6002894 SOURCE CODE: UR/0043/66/000/001/0099/0106

AUTHOR: Aleshkov, Yu. Z.

ORG: none

TITLE: Optimum stabilization and accuracy of mechanical systems

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 1, 1966, 99-106

TOPIC TAGS: optimum control, optimum stabilization, flight control system, mechanical system stabilization

ABSTRACT: It is assumed that centroid M of the body $\bar{S}$ moves in the vertical xy-plane at a constant velocity V and that lift and aerodynamic moment coefficients are linear functions of the angle of attack α, the elevator deflection δ, and the angular velocity ω_z. It is also assumed that the point T moves at the velocity $\bar{V}_T$ in the same plane. The orthogonal coordinate system $\xi\eta$ with the ξ-axis parallel to the vector $MT = \bar{S}(t_0)$ and the origin at M is chosen and a system of free equations with six unknown functions ξ, η, θ (the direction of the velocity vector) α, ω_z, δ describing the motion of the body/point system is derived. To obtain a closed system of equations, it is assumed that during the motion of $\bar{S}$ and T the relation $\eta = 0$ is

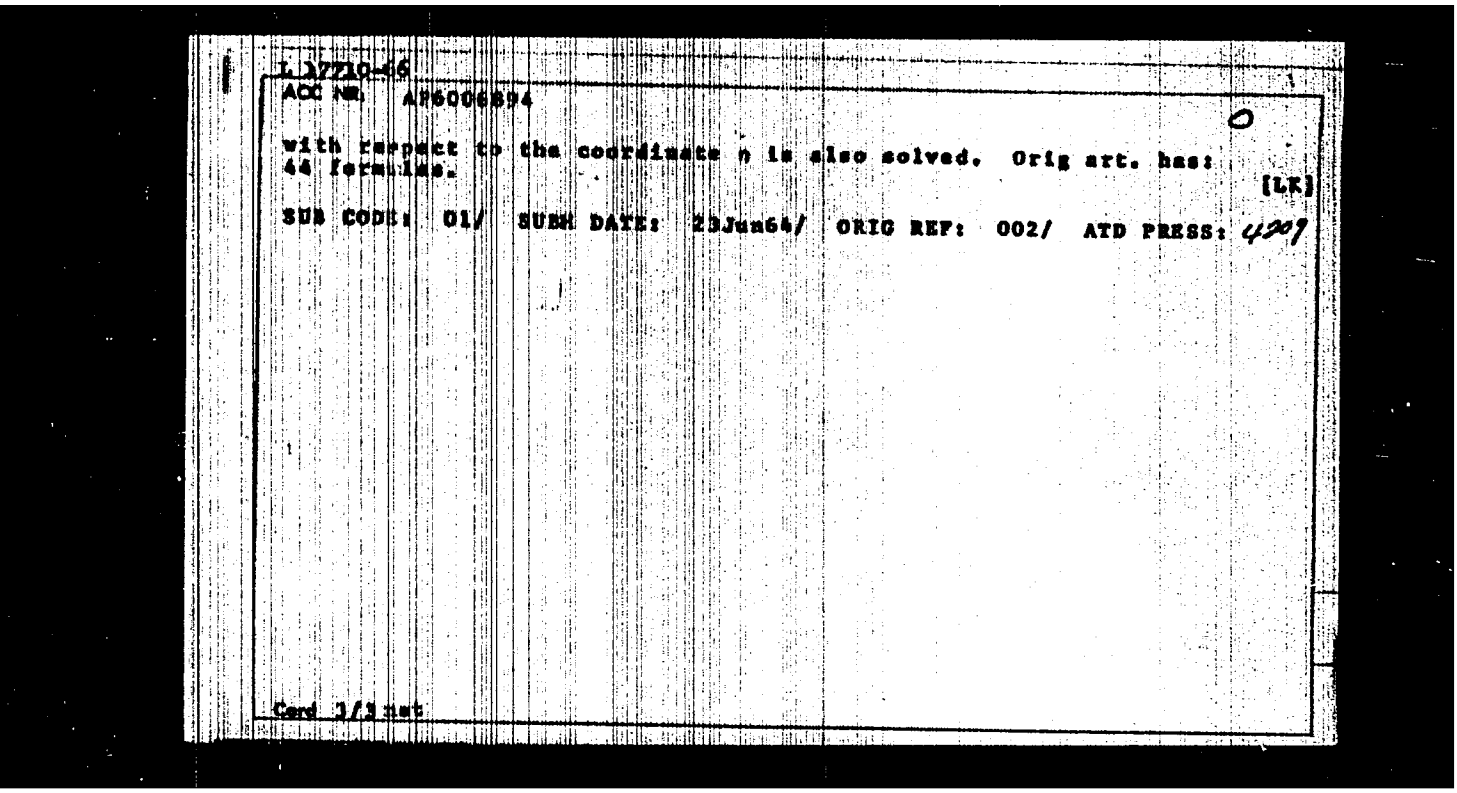
Card 1/3 UDC: 531.55

satisfied, which means that the body S is aimed at the point T along a path corresponding to the guidance by the method of parallel approach. The derived system of six equations is used to study the character of motion of the body S when velocity V_T is constant. A second-order differential equation is derived for $\delta(t)$ and its solution (the law of elevator deflection variation) is obtained. It is considered that the motion can be perturbed. The problem of selecting the law for change in $\delta(t)$ (the control function) which would ensure the minimum distance between perturbed and unperturbed motions is formulated. This stabilization problem of the unperturbed motion is reduced to the minimization of the functional 1,55

$$\frac{1}{t_1 - t_0}\int_{t_0}^{t_1} L(t)\,dt,$$

where L(t) is a positive-definite quadratic form expressing the square of the distance of the point corresponding to the perturbed motion at any instant to the origin of coordinates. This variational problem is solved with the aid of the maximum principle. The control is expressed in the form of a function of state variables of the body S. The problem of selecting the control u(t) constrained by the inequality $|u| \leq \delta_{max}$ which ensures the maximum accuracy at the terminal point

Card 2/3



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ACC NR: AP6006894

with respect to the coordinate η is also solved. Orig art. has: 44 formulas.

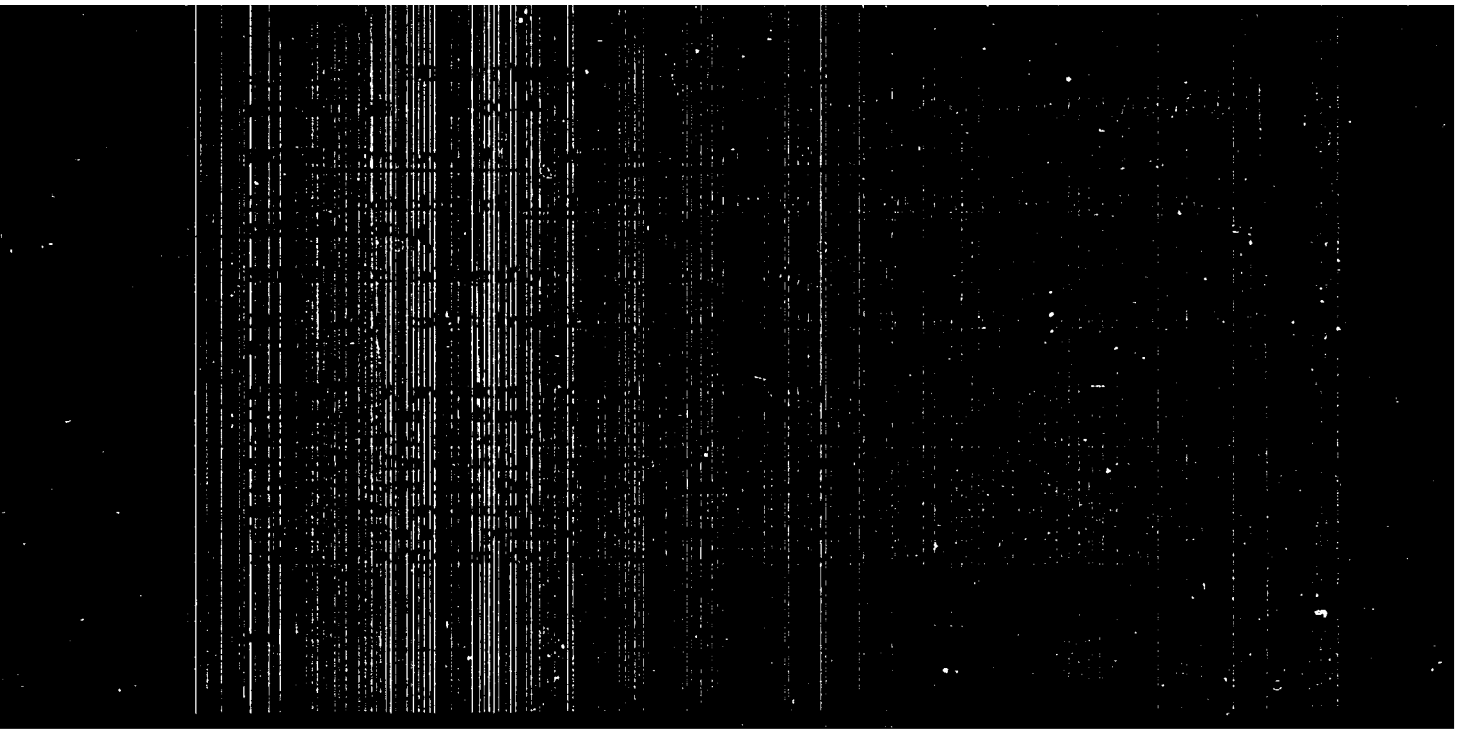
[LK]

SUB CODE: 01/ SUBM DATE: 23Jun64/ ORIG REF: 002/ ATD PRESS: 4209

Card 1/1 mst

ALESHKOV, Yu.Z. (Leningrad)

Method of sequential approximations for the solution of variational problems in flight mechanics. Avtom. i telem. 26 no.10:1657-1663 O '65. (MIRA 18:10)



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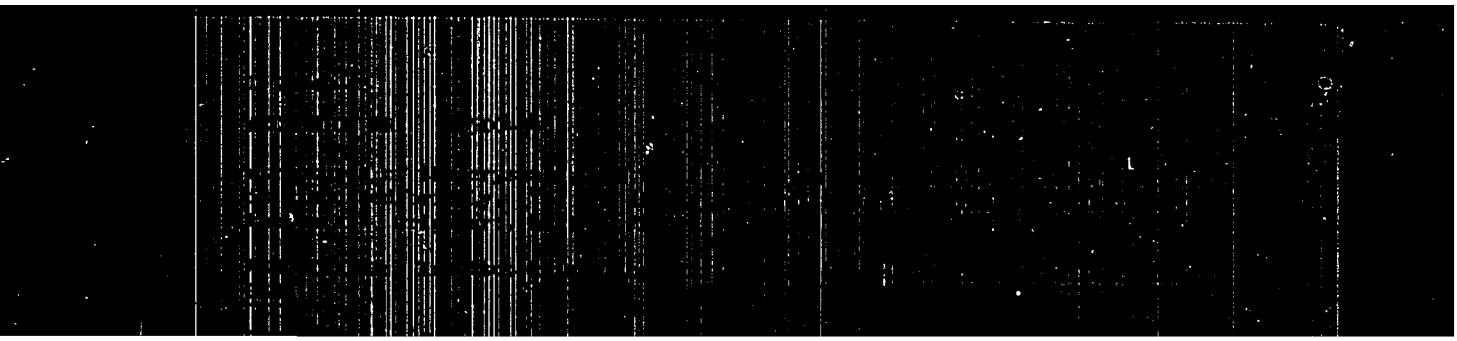

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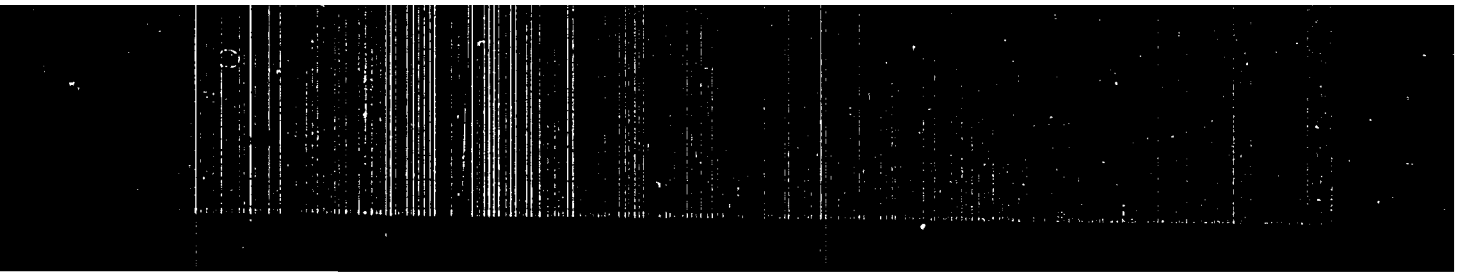

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L 19381-63 EWT(d)/FCC(w)/BDS AFFTC/IJP(C)

ACCESSION NR: AT3002171 S/2924/61/001/01-/0005/0012

AUTHOR: Aleshkyavichene, A.

TITLE: A local limit theorem for sums of random variables defined on a homogeneous Markov chain in the case of a stable limit distribution

SOURCE: Litovskiy matematicheskiy sbornik. v. 1, no. 1-2, 1961, 5-12

TOPIC TAGS: stable law, Markov chain, random variable, limit theorem

ABSTRACT: Let $\{\xi(t), t = 1,2,3,\ldots\}$ be a homogeneous Markov chain with state space Ω and σ- algebra F of subsets, transitional probability function $P(\omega,A)$, and initial distribution $P(A)$, for $\omega \in \Omega$ and $A \in F$. Assume the coefficient of ergodicity

$$\alpha^* = 1 - \sup_{\omega,\bar{\omega},A} |P(\omega, A) - P(\bar{\omega}, A)| > 0. \qquad (1)$$

Let $X_k = X(\xi(k))$, $k = 1,2,\ldots$ with X being F-measurable. Also, assume that

$$P(A) = \int_{\Omega} P(\omega, A) P(d\omega), \quad \omega \in \Omega, \quad A \in F. \qquad (2)$$

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Assume that the X_l take on only integral values with

$$P_l(k)=P\{X_l=k\}, \quad (l=1, \ldots, n, \ldots). \quad (3)$$

Condition (ω) is satisfied if the greatest common divisor of k'-k" for which both probabilities $P_l(k')$ and $P_l(k'')$ are positive equals unity. Let

$$S_n=X_1+X_2+\ldots+X_n,$$
$$P_n(k)=P\{S_n=k\}, \quad F_n(x)=P\{S_n<x\}; \quad (4)$$
$$F(x)=F_1(x).$$

Assume that $V_\alpha(x)$ is a non-normal stable law with exponent $\alpha(0<\alpha<2)$, and $v_\alpha(x)$ is the probability density of this law. Theorem 1: Let F(x) belong to the domain of attraction of the stable law $V_\alpha(x)$ and assume that for a sequence of constants

A_n and $B_n > 0$, the equation

$$F_n(B_n x + A_n) \to V_\alpha(x), \quad n \to \infty, \qquad (5)$$

holds. Also let condition (1) be satisfied. Then in order for the relation

$$B_n P_n(k) - v_\alpha\left(\frac{k - A_n}{B_n}\right) \to 0, \quad n \to \infty, \qquad (6)$$

to hold uniformly with respect to k, it is necessary and sufficient that condition (ω) be satisfied. Theorem 2. Let $U_1, U_2, \ldots, U_n, \ldots$ be a sequence of independent random variables with distribution function $F(x) = P\{x_1 < x\}$. If for some sequence of constants A_n and $B_n > 0$ the equation

$$\lim_{n \to \infty} P\left\{\frac{\sum_{k=1}^{n} U_k}{B_n} - A_n < x\right\} = V_\alpha(x) \qquad (7)$$

L 19381-63
ACCESSION NR: AT3002171

holds and for some $0 < \nu \leq 1$ and $0 < \varepsilon' < \alpha$ the equation

$$\lim_{n\to\infty} nB_n^{-\nu-\min(1,\alpha-\varepsilon')} \sup_{\omega} \int_{|X_1(\bar{\omega})|<B_n\tau} |X_1(\bar{\omega})|^{\nu} P(\omega, d\bar{\omega}) = 0, \quad (8)$$

holds for any $\tau > 0$, then relation (6) holds uniformly with respect to k under conditions (1) and (ω). (The constants A_n and B_n are the same in (5) and (7). The author expresses his gratitude to V. A. Statulyavichyus for the statement of the problem and his valuable comments for its solution. Orig. art. has: 20 formulas.

ASSOCIATION: Institut fiziki i matematiki, akademii nauk Litovskoy SSR (Institute of Physics and Mathematics, Academy of Sciences, Lithuanian SSR)

SUBMITTED: 10Apr61 DATE ACQ: 10May63 ENCL: 00

SUB CODE: MA NO REF SOV: 003 OTHER: 000

Card 2/2

ALESHKINKOVA, L.A.

Clinical and anatomical parallels in asymmetries of temporal arterial pressure. Zhur. nevr. i psikh. 62 no.1:24-27 '62. (MIRA 15:4)

1. Kafedra nervnykh bolezney (zav. - prof. B.N.Man'kovskiy) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni Bogomol'tsa.
(BLOOD PRESSURE) (CEREBROVASCULAR DISEASES)

ALESHO, A.A., obshchestvennyy inspektor po oseleneniya

Shortcomings in the landscaping of the Stalinskiy District. Gor. khoz. Mosk 34 no.8:29-30 Ag '60. (MIRA 13:9)

1. Upravleniya blagoustroystva g. Moskvy.
(Moscow--Landscape gradening)

ALEKSANDROVSKAYA, A.M.; ALESHONKOVA, Yu.A.; SINITSYNA, L.N.; GODNEV, I.N.

Thermodynamic functions of silicon tetraiodide and zirconium tetraiodide in the gaseous state. Izv.vys.ucheb.zav.; khim.i khim.tekh. 5 no.1:171-172 '62. (MIRA 15:4)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra fiziki.
(Silicon iodide) (Zirconium iodide)

ALESIN, V.D.

New principles for determining the state's responsibility to inspect measuring instruments. Izm.tekh. no.10:5-7 O'60. (MIRA 13:10)
(Measuring instruments--Testing)

ALESIENKIY, I.M., insh.

The laying out of coordinate systems is an efficient method for designing structures. Prom.stroi. 38 no.3:53-55 '60.
(MIRA 13:6)
(Factories--Design and construction)

ALESKER, Ye. M.

PA 31/49T45

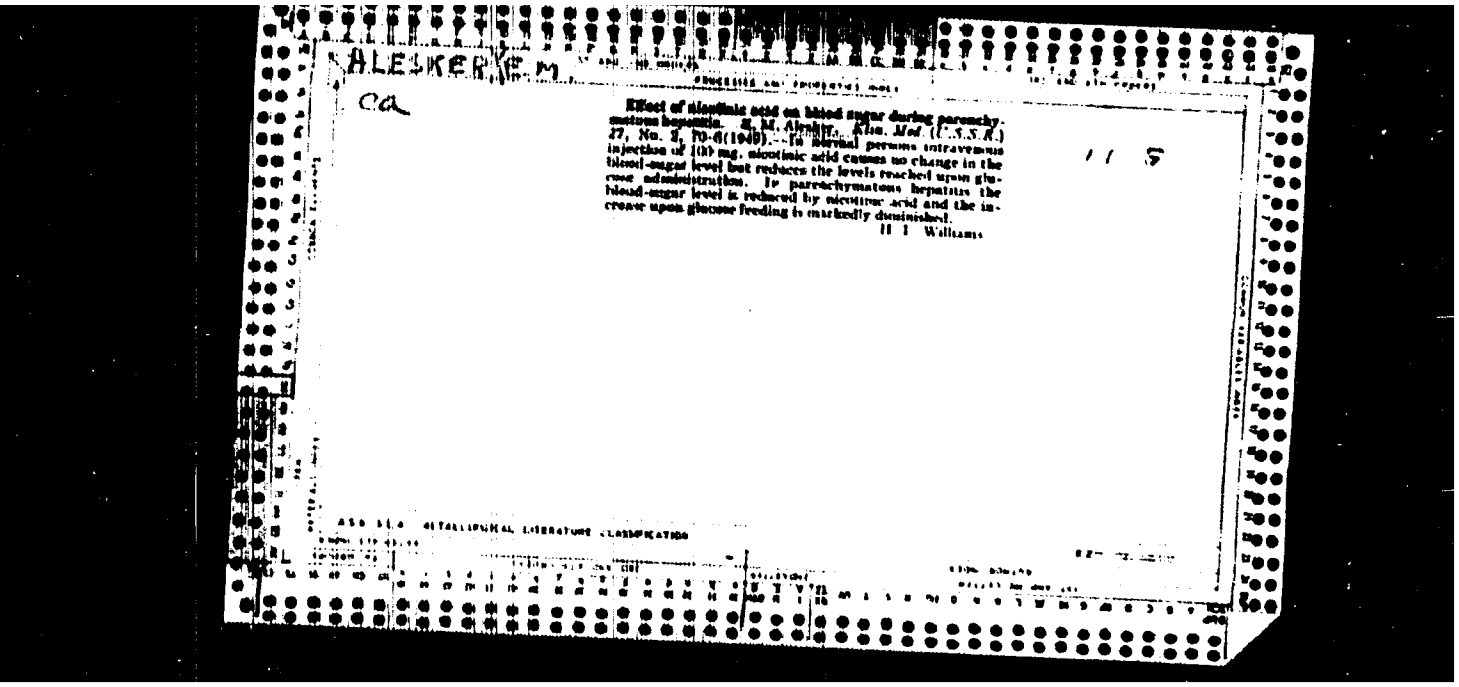
USSR/Medicine - Insulin, Effects May/Jun 48
Medicine - Nicotinic Acid

"Influence of Nicotinic Acid on Diabetes," E. M. Alesker, Faculty Therapeutic Clinic, Leningrad Sanitation Hygiene Med Inst, 1½ pp

"Terapev Arkhiv" Vol XX, No 3

Prolonged use of nicotinic acid increases effect of insulin, thereby increasing tolerance to carbohydrates. Proposes combined insulin-nicotinic acid therapy for diabetics.

31/49T45



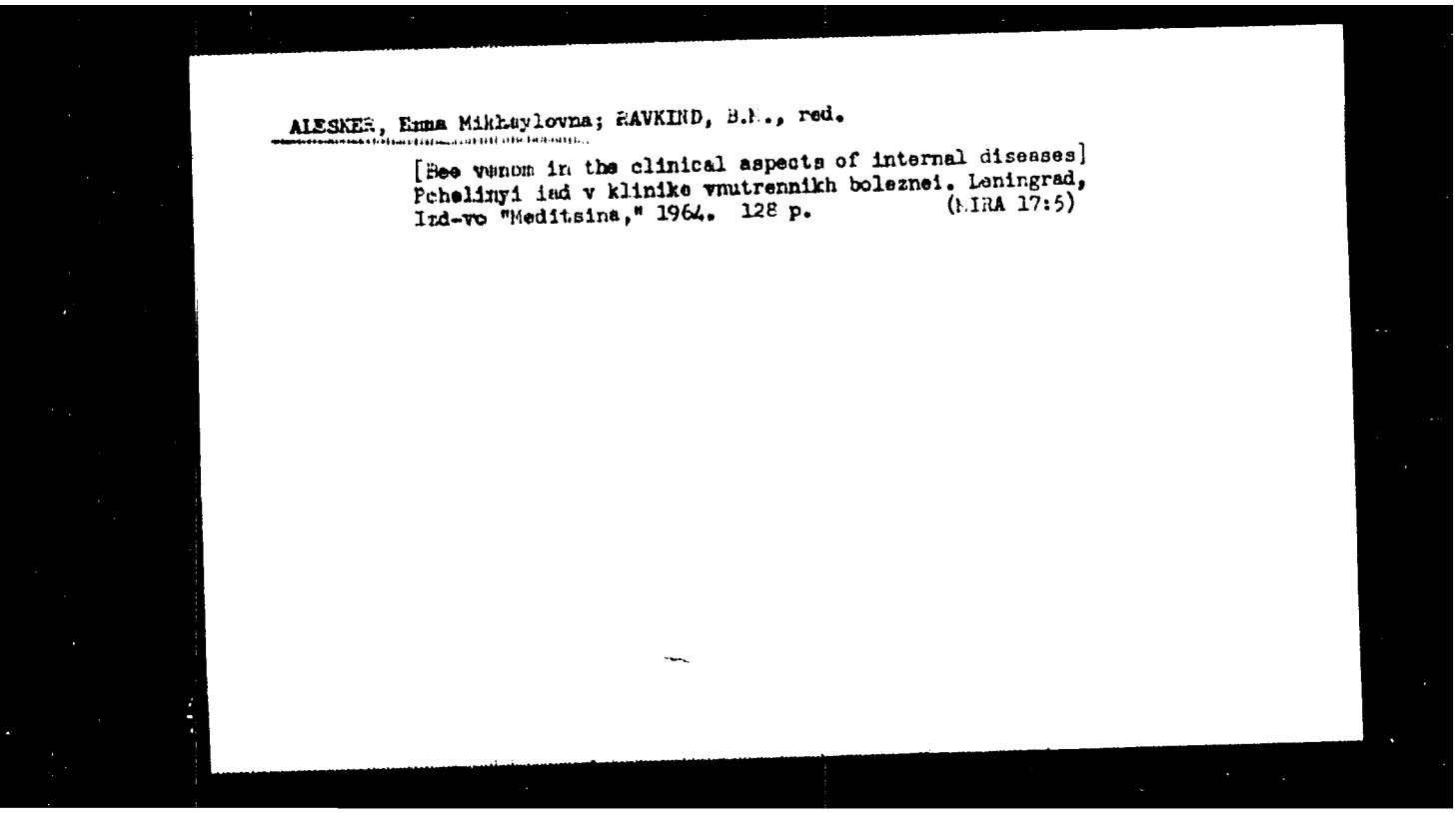
CA

ALESKER, Ye. M.

Effect of nicotinic acid on gastric secretion. I. M. Alesker (Leningrad Sanit. Hyg. Med. Inst.). *Terapevt. Arkh.* 23, No. 1, 56-63 (1951). Intravenous administration of 100-200 mg. nicotinic acid increases gastric secretion in pellagra, diabetes, and various forms of gastritis with lowered secretion. Free HCl appears in the juice if it was absent previously. In difficult cases repeated administration is effective. In patients with gastric ulcers, as in healthy subjects, the effects do not appear. The action is explained by enzymic action on the process of nerve stimulation. G. M. Kosolapoff

ALESKER, Ye.M.

Therapeutic effect of bee venom in various diseases. Trudy LSGNI 48:62-75 '59. (MIRA 14:2)
(VENOM--THERAPEUTIC USE)



ALESKER, Emma Mikhaylovna; RAVKIND, B.I., red.

[Bee venom in the clinical aspects of internal diseases] Pchelinyi iad v klinike vnutrennikh boleznei. Leningrad, Izd-vo "Meditsina," 1964. 128 p. (MIRA 17:5)

ALESKEROV, A.A. (Baku); GUSEYNOV, G. (Baku)

In the Institute of Economics of the Academy of Sciences of the Azerbaijan S.S.R. Vop.ekon. no.9:158-159 S '61. (MIRA 14:8)

(Azerbaijan—Economic research)

NADIROV, A.; ALESKEROV, A.; ABDURRAKHMANOV, B.; MAMEDOV, F.G., kand. ekon. nauk

[Problems of the distribution of socialist production] Voprosy razmeshcheniia sotsialisticheskogo proizvodstva. Baku, Izd-vo AN Azerb.SSR, 1965. 173 p. (MIRA 18:10)

ABDURASHITOV, S.A., doktor tekhn.nauk, prof.; KARAYEV, M.A., kand.tekhn. nauk; ALESKEROV, A.M., insh.

Centrifugal pressure regulator. Izv.vys.ucheb.zav.; energ. 3 no.1:100-105 Ja '60. (MIRA 13:1)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova. Predstavlena kafedroy gidravliki i gidravlicheskikh mashin.
(Pressure regulators)

AKHUNDOV, S.A., doktor tekhn. nauk prof.; KARAYEV, M.A., kand. tekhn. nauk; ALIYEROV, A.M., inzh.

Power used by the central pressure regulator. Izv. vys. ucheb. zav. energ. 3 no.2:99-102 F '60. (MIRA 13:2)

1.Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova. Predstavlena kafedroy gidravliki i gidravlicheskikh mashin.
(Pressure regulators)

MAMEDOV, Shamkhal; MAGERRAMOV, B.G.; OSIPOV, O.B.; ALESKEROV, A.S.

Bactericidal properties of certain ether preparations. Azerb. khim.zhur. no.1:65-69 '61. (MIRA 14:8)
(Ether) (Bactericides)

MAGERRAMOV, B.G.; ALESKEROV, A.S.

Bactericidal properties of a nontoxic solution which has been in contact with ether preparations. Dokl. AN Azerb. SSR 19 no.5:39-43 '63. (MIRA 17:2)

1. Institut epidemiologii, mikrobiologii i gigiyeny AN AzSSR. Predstavleno akademikom AN AzerbSSR A.I. Karayevym.

MAGERRAMOV, B.G.; ALESKEROV, A.S.

Results of an examination of wild birds for toxoplasmosis. Trudy TSIU 68:62-63 '64. (MIRA 18:5)

ALESKEROV, G.

"Alluviation of Dams."

Dissertation for Candidate of Technical Sciences, Moscow Water Resources Development Institute im. Vil'yams (MGMI)

Subject: Hydroengineering building and construction

Gidrotekhnicheskoye, stroitel'stvo, 12, 1946.

ALESKEROV, G.S.

Simplified method for determining the Rh factor in whole blood by the salt agglutination reaction. Azerb.med.zhur. no.2:101-102 F '58 (MIRA 11:12)

1. Iz izoserologicheskoy laboratorii Azerbaydzhanskogo instituta perelivaniya krovi (direktor - dots. G.A. Guseynov, zam. direktora po nauchnoy chasti - zasluzhennyy deyatel' nauki, prof. F.A. Efendiyev, rukovoditel' laboratorii - F.N. Ali-zade.)
(RH FACTOR)

ALESKEROV, G.S.

Legal consultation. Azerb.med.zhur. no.5:107-108 My '58 (MIRA 11:6)

1. Chlen prezidiuma respublikanskogo Komiteta profsoyuza meditsinskikh rabotnikov.
(MEDICAL PERSONNEL)

ALESKEROV, O.S.

Legal consultation. Azerb.med.zhur. no.6:118-120 Je '58 (MIRA 11:6)

1. Chlen presidiuma respublikanskogo komiteta profsoyuza meditsinskikh rabotnikov.
(MEDICAL PERSONNEL)

ALESKEROV, G.S., vrach, SADYKHOV, K.A., vrach

Raising the isohemagglutination titer of serum. Azerb.med.zhur. no.10:83-84 '58 (MIRA 11:11)

1. Iz izoserologicheskoy laboratorii Azerbaydzhanskogo instituta gematologii i perelivaniya krovi (dir. dots. G.A. Guseynov zamestitel' direktora po nauchnoy chasti - zaslyzhennyy deyatel' nauki prof. F.A. Efendiyev).
(BLOOD--AGGLUTINATION)

ALEKHOV, O.S.

Erythroblastosis (icteric form of hemolytic disease) in newborn infants and its treatment. Azerb.med.zhur. no.11:31-35 N '59.
(MIRA 13:4)

(ERYTHROBLASTOSIS FETALIS)

ALIKHKHOV, O.S.

Icterus neonatorum. Akush. i gin. 35 no.1:1-91 Ja-F '59.
(MIRA 12:2)

1. In laboratorii izoserologii (rukovoditel' - starshiy nauchnyy sotrudnik F.M. Ali-Zade) Azerbaydzhanskogo nauchno-issledovatel'skogo instituta gematologii i perelivaniya krovi (dir. - dots. G.A. Guseynov).
(ERYTHROBLASTOSIS, FETAL, case reports,
(Rus))

ALIZADE, F.M.; GUSEYNOV, G.A.; ALESKEROV, G.S.

Use of vitamin E for desensitization in the pathology of pregnancy connected with Rh incompatibility of the fetal and maternal blood. Azerb.med.zhur. no.2:28-32 F '60. (MIRA 13:5)
(TOCOPHEROL) (RH FACTOR) (PREGNANCY, COMPLICATIONS OF)

ALIYEVKHOV, G.S.

Congenital hemolytic disease of the newborn of primiparous mothers.
Zdrav. Bel. 7 no. 2:52-53 F '61. (MIRA 14:2)

1. Iz Azerbaydzhanskogo instituta gematologii i perelivaniya krovi (direktor G.A. Guseynov).
(ERYTHROBLASTOSIS FETALIS)

ALESKEROV, K.

Effect of the conditions of development on the dynamics of the formation and drop of fruit organs in the cotton plant. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.10:55-66 '62. (MIRA15:1)
(COTTON GROWING)

ALESKEROV, K.

"There Are No Business Relations Between the Oil Fields and the Refinery," Bakinskiy rabochiy, No.183, p. 2, 12 July 55.

Director, Baku Refinery

Translation D 389517

ALESKEROV, K.N.

Effect of the conditions of development on the yield of raw cotton and the technological quality of fiber. Trudy Inst. gen.i sel.AN Azerb.SSR 2:76-89 '62. (MIRA 16:2)
(Azerbaijan--Cotton)

ALESKEROV, K.N.

Effect of the development conditions on raw cotton yields and the technological properties of fibers. Izv. AN AZerb. SSR. Ser. biol. i med. nauk no.2:33-44 '62. (MIRA 17:6)

ALESKEROV, S.A.

S. A.

Sect. B

Relays, electronic switches

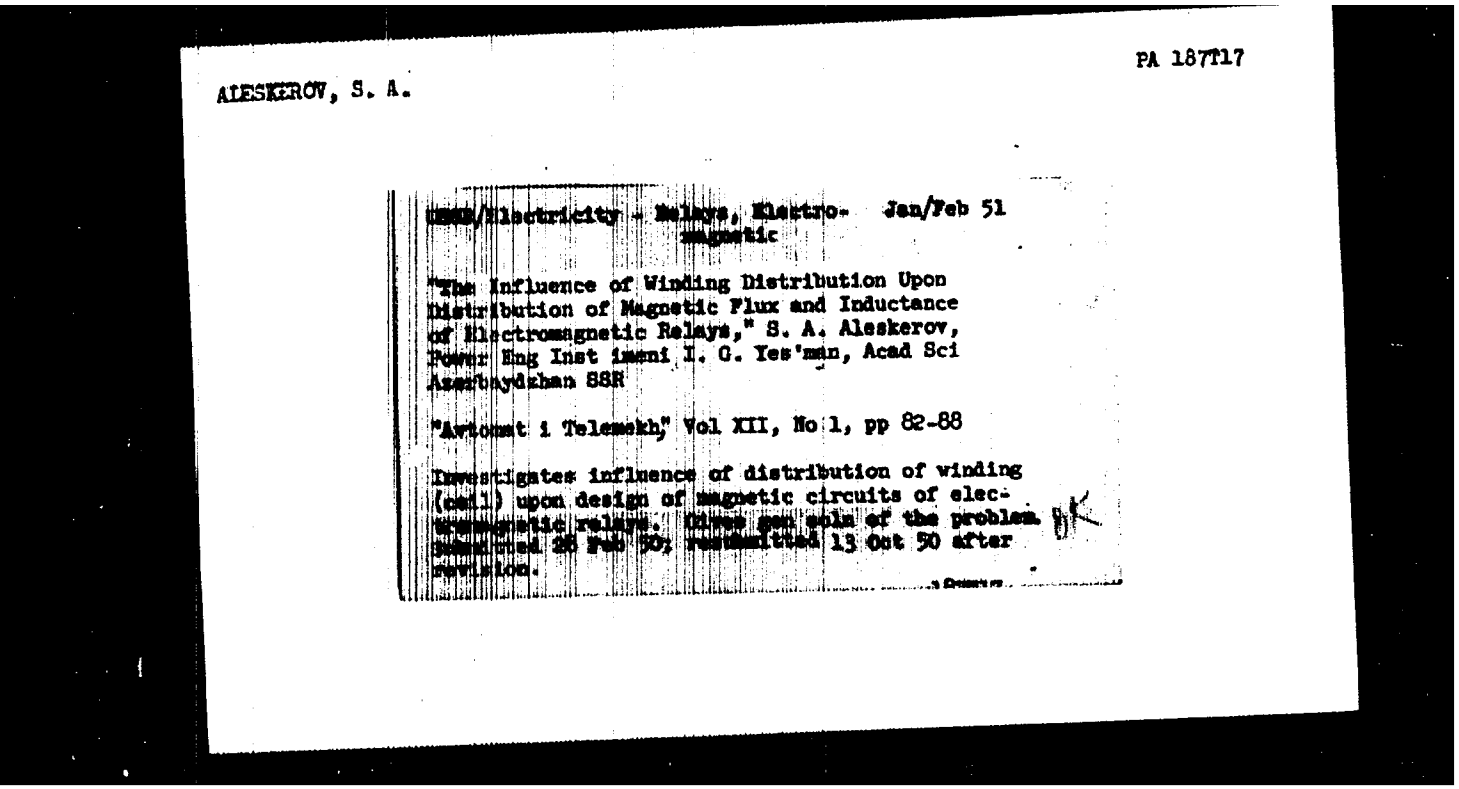
621.318.5

[illegible]. Analysis of transient processes in a relay. S. A. [illegible]. *Elektrichestvo*, No. 12, 30-4 [illegible] In Russian.

Author presents a method for expressing the magnetic flux and the time constant for a simple telephone relay, for an arbitrary distribution of the winding over the core showing the influence of the arrangement of the winding on the transient processes in a relay. The mathematical treatment involves an integro-differential equation which can be solved only for certain, idealized, boundary and initial conditions. The two special cases of the winding concentrated on the left and on the right halves of the core are considered. The results in their numerical form are accurate enough to be of practical value in certain cases, although the discrepancies are not inappreciable.

B. F. KRAUS

Power Eng. Inst. im. Yesiman, A. S. Azerb SSR



PA 187T17

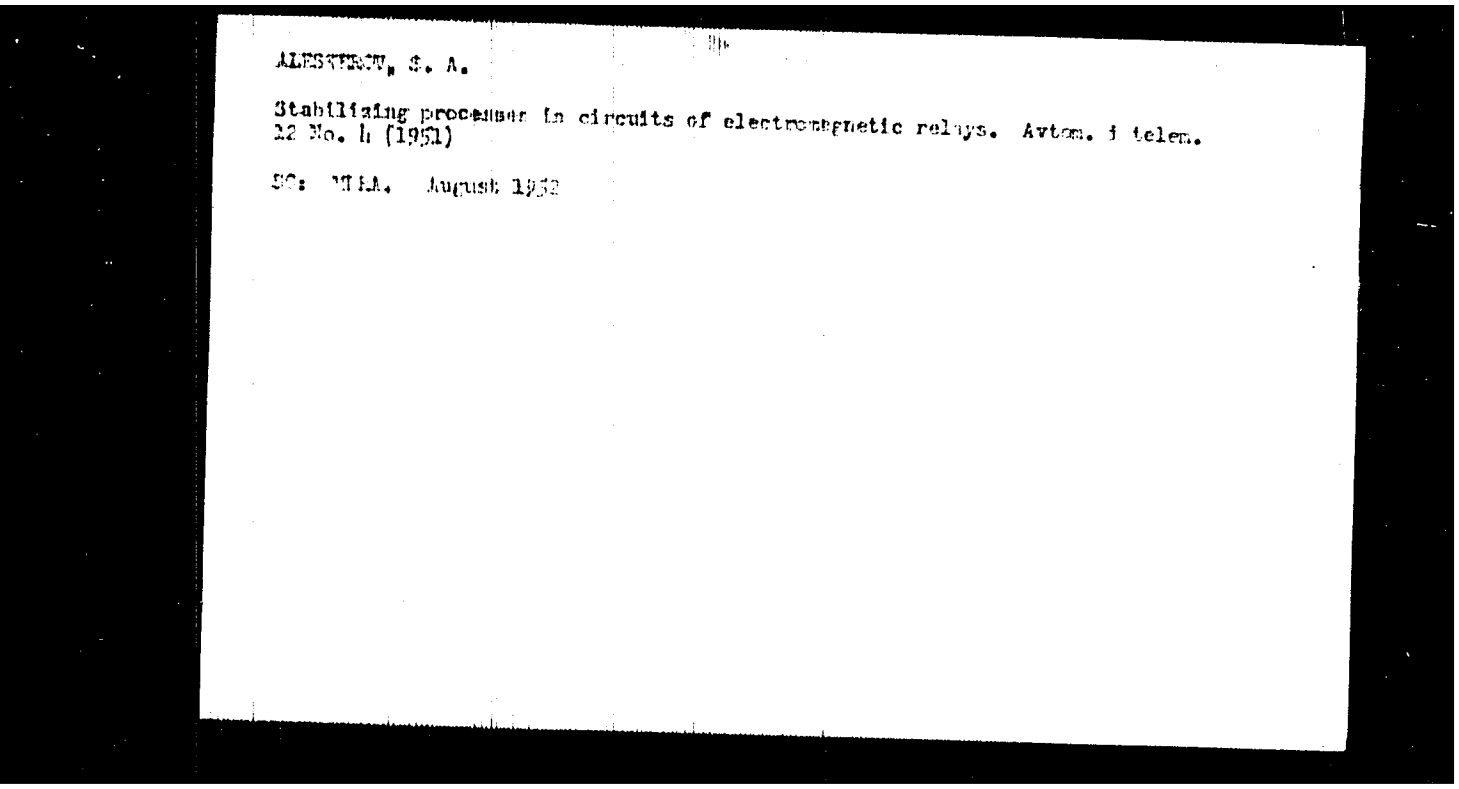
ALESKEROV, S. A.

USSR/Electricity - Relays, Electro- Jan/Feb 51
magnetic

"The Influence of Winding Distribution Upon Distribution of Magnetic Flux and Inductance of Electromagnetic Relays," S. A. Aleskerov, Power Eng Inst imeni I. G. Yes'min, Acad Sci Azerbaydzhan SSR

"Avtomat i Telemekh," Vol XII, No 1, pp 82-88

Investigates influence of distribution of winding (coil) upon design of magnetic circuits of electromagnetic relays. Gives gen solm of the problem. Submitted 28 Feb 50; resubmitted 13 Oct 50 after revision.



ALEKSEYEV, S. A.

Stabilizing processes in circuits of electromagnetic relays. Avtom. i telem. 12 No. 4 (1951)

SO: MIRA, August 1952

1. ADONTS, G.T.: ALEKSEROV, S.A.: POPOV, A.N.: BABEYEV, M.A.

2. USSR (600)

4. Electric Networks

7. Experimental data on the study of the resistance of the load-carrying unit of a power system. Energ. biul. No. 8, 1952.

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

ALESKEROV,S.A.; CHAL'YAN,K.M.

Calculating the magnetic fields of electromagnetic mechanisms on the MM-8 electric model. Dokl. AN Azerb. SSR 10 no.8:543-546 '54. (MLRA 8:10)

1. Neftyanaya ekspeditsiya Akademii nauk Azerbaydzhanskoy SSR. Predstavleno chlenom korrespondentom Akademii nauk SSSR V.I.Kovalenkovym.

(Magnetic fields)

ALESKEROV, S.A.; MAKHMUDOV, Yu.A.

Construction of electric models of oil pools. Izv.AN Azerb.SSR no.8:3-10 Ag'55. (MIRA 9:1)
(Petroleum engineering--Electromechanical analogies)

AIMSKEROV, S.A.; BABICH, Yu.A.; MOTYAKOV, V.I.; CHAL'YAN, K.M.

Experimental study on electrical models of individual problems of geological and technological projections of an alternating sandy--clay horizon. Izv.AN Azerb.SSR no.8:21-29 Ag '56. (MLRA 9:11)
(Petroleum geology--Electromechanical analogies)

SOV/44 - 58 - 4 - 3280

Translation from: Referativnyy zhurnal, Matematika, 1958, Nr 4, p 141 (USSR)

AUTHOR: Aleskerov, S.A.

TITLE: A Method for the Approximate Solution of an Exterior Boundary Value Problem for the Laplace Equation (Metod priblizhennogo resheniya vneshney krayevoy zadachi dlya uravneniya Laplasa)

PERIODICAL: Dokl. AN AzerbSSR, 1956, 12, Nr 11, pp 803-809

ABSTRACT: The following method of solving the external Dirichlet problem for the Laplace equation is proposed: Find the solution of the following problem:

$$\Delta u_R = 0, \quad u_R|_q = f(s), \quad \frac{\partial u}{\partial n}\Big|_R = 0$$

(R is the radius of a sufficiently large circle). Then $R \to \infty$ and it is stated that

$$\lim_{R \to \infty} u_R(x,y) = u(x,y), \qquad (1)$$

Card 1/2

where U(x, y) is the exact solution of the exterior Dirichlet problem with boundary condition $U|_{\gamma} = f(s)$. For the proof of the validity of (1) is deduced the following evaluation:

$$|u(x,y) - u_R(x,y)| \leq \frac{M \times Const}{R}, \qquad (2)$$

where M=max f(x, y). Further the meaning of the constants in (2) is revealed.

M. A. Aleksidze

Card 2/2

ALESKEROV, S.A.

124-11-12925

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p. 92 (USSR)

AUTHORS: Aleskerov, S. A., Babich, Yu. A., Motyakov, V. I., Chalyan, K. M.

TITLE: Experimental Solution of Problems Described by Fourier's Equation on an EM-8 Electrical Analog Computer. (Opytnoye reshenie zadach, opisyvayemykh uravneniyem Fur'ye, na elektricheskoy modeli EM-8).

PERIODICAL: Izv. A. N AzSSSR, 1957, Nr 1, pp 21-29

ABSTRACT: The paper presents the results of several experimental investigations on the EM-8 electrical analog computer, the prototype of which was developed and constructed at the Institute for Exact Mechanics and Computer Techniques of the USSR Academy of Sciences. The device was used to derive a number of experimental solutions for differential equations of the parabolic type

$$\frac{\partial}{\partial x}\left(A\frac{\partial u}{\partial x}\right)+\frac{\partial}{\partial y}\left(B\frac{\partial u}{\partial y}\right)=C\frac{\partial u}{\partial t}\quad .$$

Card 1/2 where A, B, and C are known functions of a point (x, y). The

Experimental Solution of Problem's Described by Fourier's Equation on an EM-8 Electrical Analog Computer (continued).

desired solution, $U(x, y, t)$ is determined from the stationary boundary conditions and the initial conditions

$$U(x, y, t) \Big|_{t=0} = f(x, y) \quad .$$

The analog simulation of the process is performed with the aid of resistor and capacitor networks. The results of the experimental solutions of problemstaken from the theory of seepage of an elastic fluid and from the theory of heat transfer, were correlated with known approximate or exact analytical solutions. From the examples and the correlation analysis adduced, conclusions are drawn relative to the expediency of utilizing the proposed method for the solution of practical problems.

(V. P. Pilatovskiy)

ALESHKEROV, S.A.

AUTHOR: ALESHKEROV,S.A. (Baku) 103-8-8/8
TITLE: Concerning the Calculation of Electro-Magnetic Systems by Means of Electrical Computers. (K raschetu elektromagnitnykh sistem na elektricheskikh modelyakh, Russian)
PERIODICAL: Avtomatika i Telemekhanika, 1957, Vol 18, Nr 8, pp 764-772 (U.S.S.R.)

ABSTRACT: Methods are given for the solution of tasks concerning the determination of the magnetic field distribution in electromagnetic systems for those cases which may be ascribed to the interior as well as the exterior boundary problems by DIRIKHLE. The solution is carried out by means of electrical mains models. The method suggested here makes the solution possible for any form of magnetic circuit and any distribution of the potentials on the boundary surfaces of the field. It is shown that, after determination of the magnetic potential distribution at various field points, the conductivity of the space which is taken up by the field of the electromagnetic mechanism can be determined. (With 4 Illustrations and 6 Slavic References).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED: 29.10.1956
AVAILABLE: Library of Congress
Card 1/1

ALESKEROV, S.A.

16(0); 28(2) PHASE I BOOK EXPLOITATION SOV/3365

Akademiya nauk Azerbaydzhanskoy SSR

Tezisy dokladov Soveshchaniya po vychislitel'noy matematike i primeneniyu sredstv vychislitel'noy tekhniki (Outlines of Reports of the Conference on Computational Mathematics and the Use of Computer Techniques) Baku, 1958. 63 p. 400 copies printed.

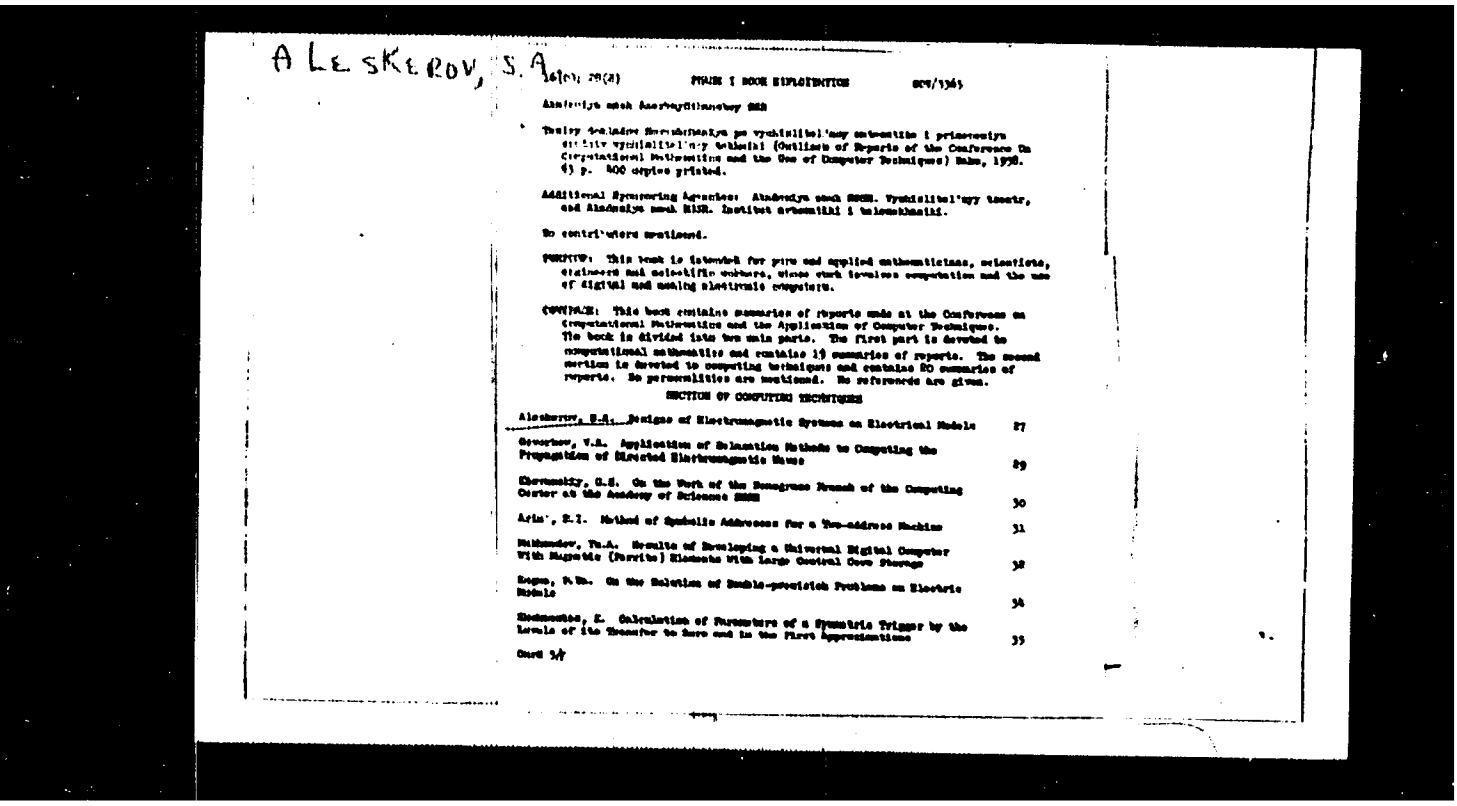
Additional Sponsoring Agencies: Akademiya nauk SSSR. Vychislitel'nyy tsentr, and Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.

No contributors mentioned.

PURPOSE: This book is intended for pure and applied mathematicians, scientists, engineers and scientific workers, whose work involves computation and the use of digital and analog electronic computers.

COVERAGE: This book contains summaries of reports made at the Conference on Computational Mathematics and the Application of Computer Techniques. The book is divided into two main parts. The first part is devoted to computational mathematics and contains 19 summaries of reports. The second section is devoted to computing techniques and contains 20 summaries of reports. No personalities are mentioned. No references are given.

Card 3/[illegible]



A LESKEROV, S.A.

16(1); 29(2) PHASE I BOOK EXPLOITATION SOV/1365

Akademiya nauk Azerbaydzhanskoy SSR

Trudy Vsesoyuznogo soveshchaniya po vychislitel'noy matematike i primeneniyu
[illegible] vychislitel'noy tekhniki (Outlines of Reports of the Conference on
Computational Mathematics and the Use of Computer Techniques) Baku, 1958.
43 p. 400 copies printed.

Additional Sponsoring Agencies: Akademiya nauk SSSR. Vychislitel'nyy tsentr,
and Akademiya nauk SSSR. Institut matematiki i mekhaniki.

No contributors mentioned.

PURPOSE: This book is intended for pure and applied mathematicians, scientists,
engineers and scientific workers, whose work involves computation and the use
of digital and analog electronic computers.

CONTENTS: This book contains summaries of reports made at the Conference on
Computational Mathematics and the Application of Computer Techniques.
The book is divided into two main parts. The first part is devoted to
computational mathematics and contains 13 summaries of reports. The second
section is devoted to computing techniques and contains 20 summaries of
reports. No personalities are mentioned. No references are given.

SECTION OF COMPUTING TECHNIQUES

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ALESKEROV S.A.

AUTHOR: Sergeyev, A. S., Docent 105-58-4-28/37

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Elektrichestvo, 1958, Nr 4, pp. 87-88 (USSR)

ABSTRACT: For the Degree of Candidate of Technical Sciences, 1956-1957.

At the Institute for Automation and Remote Control of the AS USSR (Institut avtomatiki i telemekhaniki Akademii nauk SSSR).

S. A. Aleskerov, on December 10, 1956: "Methods for the Calculation of the Magnetic Circuits of a Relay Apparatus". Official opponents were: Corresponding Member of the AS USSR Doctor of Technical Sciences V. I. Kovalenko, Doctor of Technical Sciences Professor G. V. Dobrovol'skiy and Candidate of Technical Sciences Docent B. S. Sotskov.

L. G. Kogan, on December 10, 1956: "Investigation of Systems of Automatic Voltage Control in an Electric Model". Official opponents were: Doctor of Technical Sciences M. A. Ayzerman and Doctor of Technical Sciences Ya. Z. Tsypkin.

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Ye. I. Chernov, on December 20, 1956: "Investigation of

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A. C. Servo-Mechanism of Low Capacity". Official opponents were: Doctor of Technical Sciences V. V. Solodovnikov and Doctor of Technical Sciences Professor Ya. Z. Tsypkin.

O. A. Bud'ko, on March 15, 1951: "On the Increase of Magnetic Strength in Electrical Machines by Means of Electrodynamic Amplifiers". Official opponents were: Doctor of Technical Sciences Professor A. N. Larionov and Docent V. P. Bychkov.

Ye. K. Krug, on December 27, 1951: "A. C. Control Mechanism with Dependent Velocity for the Drive of Control Elements in Automatic Control Systems". Official opponents were: Doctor of Technical Sciences Professor A. T. Golovan and Doctor of Technical Sciences Professor A. N. Larionov.

E. N. Alyab'yeva, on June 26, 1952: "Nonlinear Circuit Connection in Electronic Installations of Automatic Control with Many Circuits". Official opponents were: Doctor of Technical Sciences Professor N. S. Bobov and Candidate of Technical Sciences A. A. Sokolov.

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V. V. Imedadze, on June 23, 1953: "Investigation of the

Dissertations

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Systems of Automatic Control and of the Control of Subsidiary Mechanisms in Print Rolling Mills and Heavy Type Excavators". Official opponents were: Doctor of Technical Sciences Professor B. P. Morozov and Doctor of Technical Sciences Professor V. V. Solodovnokov.

At the Scientific Research Institute of Electrotechnical Industry (Nauchno-issledovatel'skiy institut elektrotekhnicheskoy promyshlennosti).

Ya. Sh. Gurin, on November 16, 1950: "Determination of the Optimum Ratio Between the Main Measurements in D. C. Machines for General Use". Official opponents were: Doctor of Technical Sciences Professor Yu. S. Chechet and Doctor of Technical Sciences Ye. M. Sinel'nikov.

B. B. Voronetskiy, on March 29, 1951: "Experimental and Theoretical Investigation of Stator Oscillations in Asynchronous Motors as Source of Magnetic Noises". Official opponents were: Doctor of Technical Sciences Ye. B. Kitusov, Doctor of Technical Sciences N. M. Yakimenko and Candidate of Physico-Mathematical Sciences I. Ye. Sakharov.

Card 3/4

D. S. Urinovskiy, on December 27, 1951: "Synchronous Motor

Dissertations

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With Permanent Magnets". Official opponents were: Doctor of Technical Sciences Professor D. A. Gorodskiy and Candidate of Technical Sciences Docent F. A. Goryainov.
M. B. Yakobson, on January 24, 1952: "Investigation of a Rectifier Scheme by A. N. Larionov (Three-Phase Bridge Scheme) Applied in an Electric Drive". Official opponents were: Doctor of Technical Sciences Professor Ye. V. Mitusov and Candidate of Technical Sciences F. I. Butayev.
M. Ya. Al'per, on January 15, 1953: "Theory and Calculation of Generators of the Inductor Type". Official opponents were: Doctor of Technical Sciences Professor Yu. S. Chechet and Doctor of Technical Sciences Professor A. N. Larionov.
S. S. Artanov, on March 11, 1954: "Investigation of a Synchronous Motor With a Mechanical Rectifier". Official opponents were: Doctor of Technical Sciences Professor N. V. Gorokhov and Doctor of Technical Sciences Professor A. A. Dimitradze.

AVAILABLE: Library of Congress

Card 4/4 1. Electrical engineering-Reports