

ARKEANGEL'SKIY, G.V. (Moskva)

Use of Milk as a therapeutic agent in Russia during the 19th century.  
(MIRA 10:1)  
Vest.khir. 77 no.11:37-40 N '56.  
(MILK, ther. use  
in various dis. in hist. of Russia)

ARKHANGEL'SKIY, G.V. (Moskva)

Vladimir Mikhailovich Bekhterev. Sov.med. 21 no.2:121-127 F '57.  
(MLRA 10:6)

(BEKHTEREV, VLADIMIR MIKHAILOVICH, 1857-1927)

ARKHANGEL'SKIY, G.V., (Moskva)

Clinical aspects, treatment, and prevention of poliomyelitis.  
Fel'd. i akush. 22 no.9:23-28 S'57 (MIRA 11:10)  
(POLIOMYELITIS)

Arkhangelskiy, G.V.  
ARKHANGEL'SKIY, G.V. (Moskva)

~~Treating recurrent~~ aphthous stomatitis by X-ray irradiation of  
the upper cervical ganglia of the sympathetic trunk. Stomatologia  
36 no.1:29-30 Ja-F '57. (MIRA 11:1)  
(STOMATITIS) (X RAYS--THERAPEUTIC USE)  
(NERVOUS SYSTEM, SYMPATHETIC)

ARKHANGEL'SKIY, G.V., kand.med.nauk

"Problems in the history of medicine," no.6: History of medicine  
abroad. Reviewed by G.V. Arkhangel'skii. Sov.zdrav. 18 no.11:61-62  
'59. (MIRA 13:3)

(MEDICINE)

ARKHANGEL'SKIY, G.V., kand.med.nauk

Study of the vascular pathology of the brain by Russian physicians  
in the 19th century. Trudy Gos. nauchno-issl. inst. psikh. 22:49-63  
'60. (MIRA 15:1)

1. Klinika sosudist'kh psikhovoz (zav. - prof. V.M.Banshchikov)  
Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii  
Ministerstva Zdravookhraneniya RSFSR.  
(CEREBROVASCULAR DISEASE)

ARKHANGEL'SKIY, G.V., ~~land.~~meditsinskikh nauk

"Essays on the history of the First Moscow Medical Institute."  
Edited by V.V.Kovanov, V.M.Banshchikov. Reviewed by G.V.  
Arkhangel'skii. Zdrav. Ros. Feder. 4 no.9:41-43 S '60.

(MIRA 13:9)

(MOSCOW—MEDICAL COLLEGES)

(BANSCHIKOV, V.M.)

(KOVANOV, V.V.)

ARKHANGEL'SKIY, G.V., kand.meditsinskikh nauk (Moskva)

Consequences of infectious encephalitis and their treatment.  
Fel'd i akush. 25 no. 10:27-31 0 '60. (MIRA 13:10)  
(ENCEPHALITIS)



LISITSYN, Yuriy Pavlovich; ARKHANGEL'SKIY, G.V., red.; GABERLAND, M.I.,  
tekhn. red.

[A.I.A.Kozhevnikov and the Moscow School of Neuropathologists]  
A.I.A.Kozhevnikov i Moskovskaia shkola nevropatologov. Moskva,  
Medgiz, 1961. 256 p. (MIRA 14:12)  
(KOZHEVNIKOV, ALEKSEI IAKOVLEVICH, 1836-1902)

ARKHANGEL'SKIY, G.V., kand.med.nauk

"E.O.Mukhin and the anatomical-physiological line in medicine"  
by IU.A.Shilines. Reviewed by G.V.Arkhangel'skii. Sov.zdrav.  
20 no.2:88-89:161. (MIRA 14:5)  
(MUKHIN, EPREM OSIPOVICH, 1766-1850) . (SHILINES, IU.A.)

ARKHANGEL'SKIY, G.V. (Moskva)

Traumatic encephalopathy. Fel'd. i akush. 26 no.11:27-29 N '61.  
(MIRA 15:2)

(BRAIN WOUNDS AND INJURIES)

ARKHANGEL'SKIY, G.V.

A. IA. Kozhevnikov; on the 125th anniversary of his birth. Zhur.  
nevr. i psikh. 61 no.4:606-608 '61. (MIHA 14:7)  
(KOZHEVNIKOV, ALEKSEI IAKOVLEVICH, 1836-1902)

ARKHANGEL'SKIY, G.V., kand.med.nauk, starshiy nauchnyy sotrudnik

"History of medicine" by Mul'tanovskii. Reviewed by G.V.  
Arkhangel'skii. Sov. zdrav. 21 no.1:77-79 '62. (MIRA 15:2)  
(MEDICINE) (MUL'TANOVSKII, M.P.)

ARKHANGEL'SKIY, G.V., kand.med.nauk

"De morbis artificum diatriba" by Bernardino Ramazzini. Reviewed  
by G.V. Arkhangel'skii. Sov. zdrav. 21 no.6:94 '62. (MIRA 15:5)  
(OCCUPATIONAL DISEASES)(RAMAZZINI, BERNARDINO, 1633-1714)

SHEFER, David Grigor'yevich; ARKHANGEL'SKIY, G.V., red.; BALDINA,  
N.F., tekhn. red.

[Diencephalic syndromes] Dientsefal'nye sindromy. Moskva, Medgiz,  
1962. 306 p. (MIRA 16:1)  
(DIENCEPHALON—DISEASES)

ARKHANGEL'SKIY, G.V.

ARKHAGEL'SKIY, G.V., kand.med.nauk

Andaxin treatment of affective-emotional disorders during the climacteric. Akush.i gin. no.1:27-29 '62. (MIRA 15:11)

1. Iz psikiatricheskoy kliniki (zav. - prof. G.V. Banishchikov)  
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(MEPROBAMATE) (CLIMACTERIC)



ARKHANGEL'SKIY, G.V., kand.med.nauk

Cerebrovascular reflexes as a method for studying the functional state of the arterial and venous systems; preliminary report.  
Trudy Gos.nauch-issl.inst.psikh. 25:488-491 '61. (MIRA 15:12)

1. Klinika sosudistyykh psikhozov (zav. - prof. M.Banshchikov)  
Gosudarstvennogo nauchno-issledovatel'skogo inst'tuta psikiatrii  
Ministerstva zdravookhraneniya RSFSR.  
(REFLEXES) (BRAIN—BLOOD SUPPLY) (BLOOD PRESSURE)

POLYAKOV, Grigoriy Izrailevich; ARKHANGEL'SKIY, G.V., red.

[Problem of the origin of reflex mechanisms of the  
brain] Problema proiskhozhdenia reflektorrykh me-  
khanizmov mozga. Moskva, Meditsina, 1964. 442 p.  
(MIRA 18:2)

ARKHANGEL'SKIY, G.V., kand.med.nauk

Disorder of water metabolism in the pathogenesis of arterial hypotony. Trudy Gos.nauch-issl.inst.psikh. 25:733-736 '61.

(MIRA 15:12)

1. Klinika sosudistyykh psikhozov (zav. - prof. V.M.Banshchikov)  
Gosudarstvennogo nauchno-issledovatel'skogo instituta psikhiatrii  
Ministerstva zdravookhraneniya RSFSR.

(HYPOTENSION) (WATER METABOLISM)

PISAREV, Dmitriy Il'ich, kand. med. nauk, zasl. vrach RSFSR;  
ARKHANGEL'SKIY, G.V., red.; CHULKOV, I.F., tekhn. red.;

[Ethics and reasoning of a Soviet physician] Etika i mysh-  
lenie sovetskogo vracha. Moskva, Medgiz, 1963. 86 p.  
(MIRA 16:5)

(MEDICAL ETHICS)

ARKHANGEL'SKIY, G.V., kand. med. nauk; BANSCHIKOV, V.M., zasl.  
deyatel' nauki, prof., red.; BOGOLEPOV, N.K., laureat  
Gosudarstvennoy premii, prof., red.

[Essay on the history of foreign neurology from its begin-  
nings to the end of the 19th century] Ocherk po istorii za-  
rubezhnoi nevrologii i istokov do kontsa XIX veka; uchebnoe  
posobie dlia prepodavatelei i studentov meditsinskikh insti-  
tutov. Moskva, 1-i Mosk. med. in-t im. Sechenova, 1963. 30 p.  
(MIRA 16:12)

(NEUROLOGY)

KHOLODENKO, Mikhail Ionovich; ARKHANGEL'SKIY, G.V., red.;  
CHULKOV, I.F., tekhn. red.

[Disorders of the venous circulation of the brain] Ras-  
stroistva venoznogo krovoobrashcheniia v mozgu. Moskva,  
Medgis, 1963. 226 p. (MIRA 17:2)

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ARKHANGEL'SKIY, G.V. (Moskva)

First native research on the influence of sympathetic innervation on the trophic condition of muscles. Zhur. nevr. i psikh. 63 no.4:609 '63. (MIRA 17:2)

SARKISOV, S.A.; ARKHANGEL'SKIY, G.V., red.

[Essays on the structure and function of the brain] Ocherki  
po strukture i funktsii mozga. Moskva, Meditsina, 1964.  
298 p. (MIRA 17:7)



BELENKOV, Nikita Yur'yevich, prof.; ARKHANGEL'SKIY, G.V., red.

[Conditioned reflex and the subcortical formations of the brain] Uslovnyi refleks i podkorkovye obrazovaniia mozga. Moskva, Meditsina, 1965. 301 p.

(MIRA 18:7)

1. Kafedra fiziologii Meditsinskogo instituta, Gor'kiy (for: Belenkov).

ARKHANGEL'SKIY, Georgiy Vladimirovich; PARAMONOVA, A.A., red.

[History of neurology from its beginning to the 20th century] Istoriiia nevrologii ot istokov do XX veka. Moskva, Meditsina, 1965. 430 p. (MIRA 18:6)

BEKOV, Dmitriy Borisovich; ARKHANGEL'SKIY, G.V., red.

[Atlas of the venous system of the human brain] Atlas  
venoznoi sistemy golovnogo mozga cheloveka. Moskva,  
Meditsina, 1965. 358 p. (MIRA 18:12)

ARKHANGEL'SKIY, G.V. & SULIMOV, V.M.

Inventors and efficiency promoters of the Kherson shipyard.  
Sudostroenie 27 no.10:17-18 O '61. (MIRA 14:12)  
(Kherson--Shipbuilding)

ARKHANGEL'SKIY, G.V., inzh.; SULIMOV, V.M., inzh.

Suggestions of efficiency promoters and inventors of the  
Kherson Shipbuilding Plant. Sudostroenie 29 no.2:64-65 F  
'63. (MIRA 16:2)

(Kherson--Shipyards)  
(Shipbuilding--Technological innovations)

USPENSKIY, Yu.K., prof.; SAVCHUK, V.I.; RABINOVICH, A.Ya.;  
TIRKEL'TAUB, Yu.S.; REBENCHEL'SKIY, G.V., red.

[Conditioned response analysis of the effect of psychotropic substances; essays on psychopharmacology] Uslovno-reflektornyi analiz deistviia psikhotropnykh veshchestv; etiudy po psikhofarmakologii. Moskva, Meditsina, 1964. 143 p. (MIRA 17:6)

L 26718-66

ACC NR: AP6011574

SOURCE CODE: UR/0051/66/020/003/0513/0514

AUTHOR: Arkhangel'skiy, G. Ye.

36  
B

ORG: none

TITLE: Observation of two-quantum absorption in the EPR of the Mn<sup>2+</sup> ion in a ZnS-Mn phosphor

SOURCE: Optika i spektroskopiya, v. 20, no. 3, 1966, 513-514

TOPIC TAGS: zinc sulfide, optic material, luminor, epr spectrum, hyperfine structure, line intensity, paramagnetic ion, spin lattice relaxation, phosphor

ABSTRACT: The author reports observation of two-quantum transitions, similar to those previously observed in a free radical (DPPH), during the plotting of the EPR spectrum of Mn<sup>2+</sup> introduced as an activator into a phosphor based on ZnS of cubic modification. The spectrum was taken at 9.5 Gcs with simultaneous application of a field of 56 Mcs, using a radiospectrometer with cylindrical cavity operating in the H<sub>011</sub> mode.

The results show that modulation at 56 Mcs leads to the appearance of satellites for each of the hyperfine structure lines. These satellites increase with increasing field and correspond to additive and subtractive

Card

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UDC: 535.34:538.113.:546.711/.717-128

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ACC NR: AP5011574

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combinations of the two frequencies. The intensity of the principal lines decreases when the modulation is applied, but no noticeable broadening is observed. It is pointed out that the presence of a hyperfine splitting of the levels of paramagnetic ions which have sufficiently long spin-lattice relaxation time can be used to obtain the functional dependence of the magnitude of the phenomenon on the modulating frequency under conditions when this frequency corresponds to a transition between levels of the spin system. The author thanks A. S. Selivanenko for interest in the work and a discussion of the results. Orig. art. has: 1 figure and 1 formula.

SUB CODE: 20/ SUBM DATE: 27Jul65/ ORIG REF: 002/ OTH REF: 003

Card

2/2 *W*



Investigation of solid dielectrics at 300 megahertz fre-

*ye*

ARKHANGEL'SKIY, I. A.

ARKHANGEL'SKIY, I. A. -- "Reliability of Operating Remote-Control Equipment and Problems of Using Contact-Free Elements." Min Higher Education USSR. Moscow Engineering-Physics Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

8(0)

SOV/112-59-4-7454

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4  
pp 142-143 (USSR)

AUTHOR: Arkhangel'skiy, I. A.

TITLE: Some Problems of Operational Reliability of Multielement Telemechanical  
Equipment

PERIODICAL: V sb.: Nekotoryye vopr. inzh. fiz. Nr 3, M., 1958, pp 74-88

ABSTRACT: Operational reliability of multielement telemechanical equipment is  
quantitatively evaluated on the basis of manufacturing and operating faults.  
The first are due to unnoticed defects in manufacture; they are incidental and  
appear, as a rule, during the initial period of equipment operation. The  
reliable operation probability can be determined from this formula

$$W_i = 1 - \sum_{i=1}^k m_i \bar{p}_i \frac{1}{G_{\bar{m}_i}} \lambda_i$$

Card 1/3

SOV/112-59-4-7454

## Some Problems of Operational Reliability of Multielement Telemechanical . . . .

where  $n_i$  is the number of elements in the group  $i$  of which  $m_i$  elements operate simultaneously;  $\bar{p}_i$  is the probability of failure to operate of an element;  $\lambda_i$  is the coefficient of utilization of an element (the number of element operations in each cycle of the system);  $k$  is the number of groups. The operating faults are due to the wear of elements and their parts in the course of operation; they are systematic and they depend on the time period of operation. The reliability of operation for this case will be determined by this formula

$$W = 1 - \sum_{i=1}^k n_i \frac{1}{C_n^m p_i} e^{-\alpha_i t \lambda_i}$$

Translator's note: the formula is exactly reproduced from the Russian original; makes no sense.

where  $\alpha_i$  is a factor depending on the equipment type;  $t$  is time. A critical time period for preventive repairs can be found from the above expression;

Card 2/3

SOV/112-59-4-7454

Some Problems of Operational Reliability of Multielement Telemechanical . . . .

it is

$$t = \frac{1}{0.434 \alpha} \lg \frac{\bar{V}}{\sum_{i=1}^k m_i \frac{1}{C_{n_i}^m} \bar{P}_{0i} \lambda_i}$$

Statistical data obtained from an analysis of faults in the Moscow dial telephone system is presented. It is noted that in some cases, the operational reliability of equipment can be raised by an artificial aging. Seven illustrations. Bibliography: 7 items.

V.N.R.

Card 3/3

K  
ARHANGEL'SKIY, I.A.  
A

Choice of identical thyratrons with a cold cathode by measuring  
deionization time. Nek.vop.inzh.fiz. no.3:89-95 '58.  
(MIRA 12:5)

(Thyratron)

ARKHANGEL'SKIY, I. F.

PHASE I BOOK EXPLOITATION

SOV/5489

Moscow. Inzhernerno-fizicheskiy institut.

Avtomatika i telemekhanika; sbornik statey (Automation and Remote Control; Collection of Articles) no. 1. Moscow, Atomizdat, 1960. 98 p. 8,000 copies printed.

Sponsoring agencies: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSFSR and Moskovskiy inzhenerno-fizicheskiy institut.

Resp. Ed.: B.M. Stepanov, Doctor of Physical and Mathematical Sciences, Professor; Ed.: A.F. Alyab'yev; Tech. Ed.: S.M. Popova.

PURPOSE: This collection of articles is intended for scientific and technical personnel working in the fields of automation and telemechanics, experimental physics, and other applied sciences. It may be helpful to students in advanced courses in these fields at schools of higher education.

Card 1/4



Automation and Remote Control (Cont.)

SOV/5489

COVERAGE: The articles were written by staff members of the Kafedra avtomatiki i telemekhaniki Moskovskogo inzhenerne-fizicheskogo instituta (Automation and Telemechanics Department of the Moscow Engineering Physics Institute). The following topics are discussed: basic problems in the designing and operation of automatic starting systems of nuclear reactors; a method for taking logarithms of currents over a broader range than conventional methods, based on utilizing the voltampere characteristic of vacuum tube diodes, permit; an analysis of the time characteristic of logarithmic devices; the possibility of obtaining relaxation operating conditions in circuits containing nonlinear capacitances; a study of the circuit of a passive four-terminal RC network; the description of a multi-channel pulse-amplitude analyzer; and the possibility of utilizing a two-phase induction machine with a squirrel-cage rotor under tachometer-generator conditions. No personalities are mentioned. References accompany most of the articles.

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Automation and Remote Control (Cont.)

SOV/5489

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JP/dfk/bc  
8-29-61

ARHANGEL'SKIY, I.A.; YEREMEEV, I.S.; STEPANOV, P.M.

Logarithmic characteristics of large currents. Avtom. i telemekh.  
zh. no. 1:44-48 1959. (NFA 14:11)

1. Kafedra avtomatiki i telemekhaniki Moskovskogo inzhenerno-  
fizicheskogo instituta.

(Electric measurements)

(Nuclear reactors--Measurement)

ARKHANGEL'SKIY, I.A.; MIKHEYEV, V.P.; STEPANOV, B.M.

Automatic device for measuring the light characteristics of  
photoelectric multipliers. Avtom. i telem.; sbor. st. no.2:  
85-94 '62. (MIRA 15:9)  
(Photoelectric multipliers) (Electronic measurements)

112

**ARKHANGEL'SKIY, I. I.**  
CA

The determination of the toxicity of *B. enteritidis* Gärtneri. I. I. Arkhangel'skiy. *Z. Mikrobiol. Epidemiol. Immuninfektforsch.* (U. S. S. R.) 1936, No. 6, 15-21 (in English, 21).—Of 10 strains of *B. enteritidis* Gärtneri grown on spleen broth for 6 days followed by filtration through Chamberland F candles, 7 produced toxic substances capable of killing mice in 1-3 cc. doses. The toxin reacts with specific serum in flocculation tests. No uniform Schwartzmann reaction was observed in skin tests on rabbits.  
S. A. Karjala

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP: AV NO 11

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ARKHANGEL'SKIY, I. I., KINDYAKOV, V. I. and BOTOVA, A. A.

"On the Types of Foot-andMouth-Disease Virus". Veterinariya, 1943, No. 10-11.

ARKHANGEL'SKIY, I. I.

ARKHANGEL'SKIY, I. I. (Professor, Doctor of Veterinary Sciences, Kazakh Scientific  
Research Veterinary Institute.) Clinical manifestations of enzootic pneumonia of  
calves in Kazakhstan.

So: Veterinariya; 22; (1); January 1945; Uncl.  
TABCON



ARKHANGEL'SKIY, I. I.

ARKHANGEL'SKIY, I. I. (Professor) and Kholdin, K. I. (Scientific Coworker) and  
ARKHANGEL'SKAYA (Post-Graduate Student, Scientific Research Institute of Veterinary  
Medicine, Kazakh Branch of the All-Union Academy of Agricultural Sciences imeni  
Lenin). On the pre-natal bacteriological diagnosis of paratyphoid of calves.

So: Veterinariya; 23; 1; January 1946; Uncl.  
TABCON

ARKHANGEL'SKIY, I. I.

ARKHANGEL'SKIY, I. I. (Professor) and Kholdin, K. I. (Scientific Coworker, Scientific Research Institute of Veterinary Medicine, Kazakh Branch of the All-Union Academy of Agricultural Sciences imeni Lenin). On the conservation of pathological material.

So: Veterinariya; 23; 4; April 1946; Uncl.  
TABCON

ARKHANGEL'SKIY, I.I.; ANTONOV, V.K.

~~ARKHANGEL'SKIY, I.I.; ANTONOV, V.K.~~  
Variability of the anthrax bacillus. Izv. AN Kazakh, SSR. Ser. kraev.  
pat. no. 6:11-17 '50. (MLBA 9:8)  
(BACILLUS ANTHRACIS)

ARKHANGEL'SKIY, I.<sup>1</sup> and ARKHANGEL'SKAYA, V. et. al.

"On the Problem of Variability of the Anthrax Bacillus", Iz. AN Kazakh SSR, No. 6,  
pp 18-21, 1950.

ARKHANGEL'SKIY, I. I.

ARKHANGEL'SKIY, I. I.: The most infectious diseases of calves. (a translation). Under the editorship of Tashmukhametov. Alma-Ata. Kazgosizdat, 1952. 124 pages with illustrations. Price 1 ruble, 70 kopeks. 5,000 copies. In Kazakh.

SO: Veterinariya; 30; (1); January 1953; Uncl. TABCON

1. ARKHANGEL'SKIY, I. I., PROF.; YAROVY, P. F.; NOVAK, D. D.; ARKHANGEL'SKAYA, V. E.; KHOLDIN, K. E., Sec. Worker, Sci. Res. Vet. Inst., Kazakh Br., VASKHNIL.
2. USSR (600)
4. Vaccination
7. Paratyphoid vaccines for calves. Veterinaria 30, No. 1, 1953.

Aluminum hydroxide vaccine produced more active immunization against paratyphoid in exptl rabbits and guinea-pigs than any other vaccine. Expts on calves and on cows in an advanced stage of pregnancy showed that aluminum hydroxide vaccine surpasses the formal vaccine in immunological properties. The aluminum hydroxide vaccine proved harmless to calves and to cows in an advanced stage of pregnancy.

256T52

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

USSR / Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. R-1

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7292.

Author : I. I. Arkhangel'skiy, P. F. Yarovoiy, D. D. Novak, V. Ye, Arkhangel'skaya, Sh. T. Rasulyev, V. I. Nadbalin.

Inst : Not Given

Title : Wide Experience in the Use of Aluminous Paratyphoid Vaccine on Calves in Kazakhstan and Uzbekistan

Orig Pub: Nauch. tr. Uzbek. s-kh. in-ta, 1956, 10, 5-8

Abstract: By experiments on laboratory animals it has been shown that, the aluminous vaccine for paratyphoid of calves is more immunizing than Formol-vaccine. The aluminous vaccine proved entirely harmless to calves and expectant cows. Its use

Card 1/2

APPROVED FOR RELEASE: Thursday, July 27, 2000 R-1

USSR / Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi. CIA-RDP86-00513R00010202

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7292.

Abstract: on farms having calves with paratyphoid, permitted the lowering of losses from paratyphoid to a minimum.

Card 2/2

ARKHANGEL'SKIY, Ivan Ivanovich, prof., doktor veterin.nauk; BADANIN,  
Nikolay Vasil'yevich, prof., doktor veterin.nauk; BOBROV,  
Z.I., red.; GOR'KOVA, Z.D., tekhn.red.

[Tables for the differential diagnosis of the most important  
infectious diseases of farm animals] Tablitsy differentsial'noi  
diagnostiki vazhneishikh zaraznykh zabolevani sel'skokhoziaist-  
vennykh zhiivotnykh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959.  
311 p. (MIRA 13:7)  
(Communicable diseases in animals)



CHEPUROV, K.P., prof.; ~~ARKHANGEL'SKIY, I.I., prof.~~; SHATOKHIN, N.G.,  
dotsent; MNATSAKANYAN, V.B., aspirant

Anatoxin against the poison of the karakurt. Veterinariia 36  
no.6:55-56 Je '59. (MIRA 12:10)

1. Uzbekskiy sel'skokhozyaystvennyy institut.  
(Spiders)

ARKHANGEL'SKIY, I.I.; BADANIN, N.V.

\*Tables for a differential diagnosis of the most important  
infectious diseases of farm animals. Veterinariia 37 no.6:  
83-84 Je '60. (MIRA 16:7)

(Veterinary medicine)

CHEPUROV, K.P., prof.; ARKHANGEL'SKIY, I.I., prof.; SHATOKHIN, N.G.,  
dotsent; VERESHCHAGIN, M.N., prof., zasluzhennyy deyatel' nauki  
Tatarskoy ASSR; ABDULLIN, Kh.Kh., dotsent; KIVALINA, V.P.,  
dotsent; KHARISOV, Sh.Kh., starshiy nauchnyy sotrudnik

"Veterinary microbiology" by M.V. Revo and M.D. Zhukova. Re-  
viewed by K.P. Chepurov and others. Veterinariia 37 no.7:87-89  
Jl '60. (MIRA 16:2)

1. Kazakhskiy nauchno-issledovatel'skiy veterinarnyy institut  
(for Kharisov). (Veterinary microbiology)

ARKHANGEL'SKIY, Ivan Ivanovich, prof., doktor veterin.nauk; BADANIN,  
Nikolay Vasil'yevich, prof., doktor veterin.nauk; USACHEVA,  
I.G., red.; GOR'KOVA, Z.D., tekhn.red.

[Infectious diseases of calves] Zaraznye bolezni teliat.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 319 p. (MIRA 13:9)  
(Calves--Diseases)

ARKHANGEL'SKIY, I. I. and AKHMEDOV, A. M. (Professors).

"The Second International Congress on Veterinary and Nutritional Hygiene."  
Veterinariya, Vol. 37, No. 9, p. 87, 1960.

ARKHANGEL'SKIY, I. I. (Professor), BELYAYEVSKIY, Yu. I. (Aspirant, All-Union Scientific Research Institute of Veterinary Sanitation) and OLENEV, V. A. (Candidate of Veterinary Sciences, All-Union Institute of Rural Electrification)

"Veterinary-sanitary control of the quality of milk in mechanical milking"  
Veterinariya, vol. 39, no. 6, June 1962 p. 62

ARKHANGEL'SKIY, I. I. (Doctor of Veterinary Sciences), KARTASHOVA, V. M. (Candidate of Biological Sciences, All-Union Scientific Research Institute of Veterinary Sanitation)

"Rapid methods of detecting Salmonella in milk"

Veterinariya, vol. 39, no. 9, September 1962, p. 74

ARKHANGEL'SKIY, I.I., prof.; KARTASHOVA, V.M., kand.biologicheskikh nauk

Speeded up methods for determining tuberculosis bacteria in  
milk. Veterinariia 39 no.1:73-77 Ja '62. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

(Milk--Microbiology)  
(Mycobacterium tuberculosis)



ARKHANGEL'SKIY, I.I., prof.; BELYAYEVSKIY, Yu.I., aspirant; OLENEV, V.A.,  
kand. veterin. nauk

Veterinary and sanitary control of the quality of milk in  
machine milking. Veterinariia 39 no.6:62-68 Je '62  
(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii (for Arkhangel'skiy, Belyayevskiy). 2. Vsesoyuznyy  
institut elektrifikatsii sel'skogo khozyaystva (for Olenev).

ARKHANGEL'SKIY, Ivan Ivanovich

"Measures for increasing the purity of milk on cattle farms."

report to be submitted at the 17th World Veterinary Congress,  
Hanover, West Germany, 14-21 Aug 63.

ARKHANGEL'SKIY, I.I., doktor veterin.nauk; KARTASHOVA, V.M., kand.biolog.nauk

Rapid methods for detecting Salmonella in milk. Veterinariia 39  
no.9:74-78 S '62. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

ARKHANGEL'SKIY, I.I., prof.; DARDA, P.N.; CHISTOV, N.P., kand. veter. nauk;  
NIKULIN, V.N.; VOROB'YEV, M.M., kand. veter. nauk (Vitebsk, BSSR);  
ARKHIPOV, V.V., kand. veter. nauk

Infection focuses. Veterinariia 41 no.1:29-33 Ja '64.  
(MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Arkhangel'skiy). 2. Nachal'nik veterinarnogo otryada postoyanno-deystvuyushchey protivoyashchurnoy ekspeditsii Gosudarstvennogo nauchno-kontrol'nogo instituta veterinarnykh preparatov (for Darda). 3. Leningradskiy nauchno-issledovatel'skiy veterinarnyy institut (for Chistov). 3. Pskovskoye oblastnoye upravleniye proizvodstva i zagotovok sel'skokhozyaystvennykh produktov (for Nikulin).

ORLOV, F.M., dotsent; ARKHANGEL'SKIY, I.I., prof.; NAZAROV, V.P., doktor  
veter. nauk; MITIN, N.I., kand. biolog. nauk

Book reviews and bibliography. Veterinariia 41 no.1:112-116  
Ja '64. (MIRA 17:3)

ARKHANGEL'SKIY, I.I., prof.; DANILENKO, I.P., starshiy nauchnyy sotrudnik

Sanitary conditions of the "Ukrainian carousel-type" arrangements  
for milking parlors (KDU-1 and KDU-5). Veterinariia 41 no.4:94-97  
Ap '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

MILYANOVSKIY, A.G., aspirant; ARKHANGEL'SKIY, I.I., prof.

Use of antiseptics for washing the udder of cows. Veterinaria 41  
no.4:97-99 Ap '65. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

ARKHANGEL'SKIY, I.I., prof.; BUTKO, M.P., starshiy nauchnyy sotrudnik

Evaluating detergents and disinfectants used in dairying.  
Veterinariia 41 no.6:102-105 Je '64. (MIRA 18:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.



ARKHANGEL'SKIY, I.I., prof.; MEDVEDEV, I.D., prof.; BIRYUKOV, D.Ya.

Reviews. Veterinariia 41 no.6:118-121 Je '64.

(MIRA 18:6)

ARKHANGEL'SKIY, I.I., prof.; DANILENKO, I.P., starshiy nauchnyy sotrudnik

Evaluating the veterinary hygienic state of dairy farms.  
Veterinariia 41 no.7:80-81 J1 '64. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

ARKHANGEL'SKIY, I.I., prof.; KARTASHEVA, V.M., kand. biol. nauk; SOKOLOVA,  
K.F., aspirant

Hygienic aspects of the "Pipeline" and DU-15C arrangements for milking  
parlors. Veterinaria 41 no.12:65-68 D '64. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

L 32651-66 EWT(1)/T JK  
ACC NR: AP6003394 (A, N) SOURCE CODE: UR/0346/65/000/010/0092/0093

AUTHORS: Kartashova, V. M. (Candidate of veterinary sciences); Arkhangel'skiy, I. I. (Professor) 19 B

ORG: All-Union Scientific Research Institute of Veterinary Sanitation (Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii) 6

TITLE: Accelerated methods of studying mixed milk from brucellosis-diseased cows

SOURCE: Veterinariya, no. 10, 1965, 92-93

TOPIC TAGS: brucella, brucellosis, animal disease, infective disease

ABSTRACT: The ring reaction for diagnosing brucellosis in milk was studied. The work was done to determine the possibility of using the reaction for mixed milk (from different cows) and milk in cans with an insignificant amount of milk from cows with brucellosis and for milk with increased acidity. The milk from 50 diseased cows was studied. In the tests with acidic milk, the acidity varied from 33 to 105°T. It was found that the ring reaction remains positive in mixed milk when the amount of milk from diseased cows is in a ratio of 1:8 to the amount of milk from healthy cows. When the acidity of the milk increases, the reaction often becomes negative. The addition of a saturated solution of sodium bicarbonate to brucellosis milk with increased acidity restores the indices of the ring reaction. Microscopy of dyed smears from mixed milk makes it possible to detect brucellosis.

SUB CODE: 06/ SUBM DATE: none  
Card 1/1 B.L.G.

UDC: 619:614.9-07:616.981.42:636.2

ARKHANGEL'SKIY, I.I., prof.; REPIN, V.M.

Ways for improving the quality of milk. Veterinariia 42 no.10:73-75  
0 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii (for Arkhangel'skiy). 2. Starshiy veterinarnyy vrach  
Glavnogo upravleniya veterinarii Ministerstva sel'skogo  
khozyaystva SSSR (for Repin).

KARTASHOVA, V.M., kand. veter. nauk; ARKHANGEL'SKIY, I.I., prof.

Accelerated methods for studying the undesignated milk from cows  
with brucellosis. Veterinariia 42 no.10:92-93 0 '65.

(MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy  
sanitarii.

ARKHANGEL'SKIY, I.N.

Tuberculin sensitivity of the skin in patients with tuberculosis of the peripheral lymphatic nodes and its changes in the course of treatment with tuberculostatic preparations. Soob. AN Gruz. SSR 38 no. 3:709-714 Je '65. (MIRA 18:12)

1. Tbilisskaya 1-ya klinicheskaya protivotuberkuleznaya bol'nitsa. Submitted Nov. 20, 1964.

ARKHANGEL'SKIY, I.N.

Sensitivity of the skin to tuberculin in cavernous forms of pulmonary tuberculosis and its changes in the process of bacteriostatic treatment. Trudy Inst. eksp. i klin. khir. i gemat. AN Gruz. SSR 11:193-204 '63. (MIRA 17:8)



1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      2ND AND 4TH ORDERS

**ARKHANGEL'SKIY, I.V.**

ca 21

The influence of the coefficients of molecular change and thermal capacity on the conductivity and thermal economy of internal-combustion engines. I. V. Arkhangel'skiy. *Vestnik Inzhenerov Tekh.* 1939, No. 1, 37-8; *Chem. Zentr.* 1939, II, 2298.—The proposition that the coeff. of mol. change  $\mu = M/L$  ( $L$  and  $M$  are the nos. of gas mols. before and after c. mbustion, resp.) has a direct effect on the pressure developed at the conclusion of the combustion process in the internal-combustion engine was checked theoretically and mathematically and found to be invalid. It is shown that  $\mu$  does not affect the work and economy of the engine since a change in  $\mu$  is accompanied by a proportional inverse change in the temp. ratio  $T_2/T_1$ .  $T_2$  and  $T_1$  are the abs. temps. at the conclusion of the compression and the combustion processes. M. G. Moore

ASA-3LA METALLURGICAL LITERATURE CLASSIFICATION

2ND AND 4TH ORDERS

1ST AND 2ND ORDERS

1ST AND 2ND ORDERS

1ST AND 2ND ORDERS

AFKHANGEL'SKIY, I. FE.

339 Metody Raboty Svarshchikov-novatorov Pizhskogo Vagonstroitel'nogo Zavoda. Riga, 1954. 12s. S III 20 Sm. (resp. Dom Nauki I Tekhniki MM TP Latv. 333R. Listok Novatora. No. 12(79)). 450 Ekz. Bespl.--Sost. Ukazany Kontse Teksta.--(54-14393zh) 621.791.75st.

30: Knizhnaya, Letopis, Vol. 1, 1955

ARHANGEL'SKIY, K.

Senior Agronomist, Uzgossenkarantina

Ineffective Weed control by various experiemental stations-Uzbekskaya SSR

N: Pravda Vostoka - 15 June 47 - Tashkent

SO: MLRA

PEOFILOV, N.G.; ARKHANGEL'SKIY, K.A.

Analysis of intercurrent diseases in a sanatorium. Vop. kur. fizioter.  
i lech. fiz. kul't. 25 no. 3:254-256 My-Je '60. (MIRA 14:4)

1. Iz Kislovodskogo sanatoriya Ministerstva oborony Soyuzo SSR.  
(KISLOVODSK—SANATORIUMS) (RESPIRATORY ORGANS—DISEASES)

ARKHANGEL'SKIY, K.P.; SHLEVIN, D.N.; SHOR, Sh.I.; ZHUKOV, A.V., kandidat  
tekhnicheskikh nauk, redaktor; KNYAZEVSKIY, P. redaktor;  
IOAKIMIS, A., tekhnicheskiiy redaktor.

[Producing corrugated roofing sheets on the SKVL-2 machine]  
Proizvodstvo krovel'nykh volnistykh listov na stanke SKVL-2.  
Pod red. A.V. Zhukova. Kiev, Gos. izd-vo lit-ry po stroit. i  
arkhitekture USSR, 1955. 80 p. (MLRA 9:5)  
(Roofing)

5(4)

AUTHORS:

Semenchenko, V. K., Arkhangel'skiy, K. V. SOV/76-33-1-41/45

TITLE:

On the Dielectric Constant and the Dielectric Losses of Binary Liquid Systems in the Critical Region (O dielektricheskoy pronitsayemosti i dielektricheskikh poteryakh binarnykh zhidkikh sistem v kriticheskoy oblasti) 1. 2. Zhurnalfizicheskoy khimii, 1959, Vol 33, Nr 1, pp 230-232 (USSR)

PERIODICAL:

ABSTRACT:

V. K. Semenchenko (Refs 1-4) had worked out the general theory of phase transitions of the second order and the critical phenomena in a previous paper as well as an equation (1) for determining the critical point (Ref 3). V. K. Semenchenko and M. Azimov (Ref 4) examined the dielectric constant of binary liquid systems in the critical region using the method of pulsations at a frequency of 1 megacycle. To check the results obtained in the case under discussion measurements were carried out of the dielectric constant  $\epsilon$  and the value  $\text{tg } \delta$  ( $\delta$  = angular difference up to  $90^\circ$  of the phase deviation angle between current and potential (Ref 5)) in the critical region of the system nitrobenzene-heptane with different concentrations and frequencies (Figs 1-4).

Card 1/2

On the Dielectric Constant and the  
Dielectric Losses of Binary Liquid Systems in the Critical Region

SOV/76-33-1-41/45

The measurements were taken on a special condenser; a thermostat TS-15 was used. The tests prove that  $\epsilon$  and  $\text{tg}\delta$  go through a maximum at the critical temperature. The value of  $\epsilon$  and  $\text{tg}\delta$  does not only depend on the concentration and temperature but also on the frequency. A frequency reduction causes a rise of the  $\text{tg}\delta$  and  $\epsilon$  values (Table). With a certain concentration and a given temperature the maxima of  $\text{tg}\delta$  and  $\epsilon$  coincide (in the critical region). There are 4 figures, 1 table, and 6 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova;  
Voronezhskiy sel'skokhozyaystvennyy institut  
(Moscow State University imeni M. V. Lomonosov: Voronezh  
Agricultural Institute)

SUBMITTED: February 22, 1958

Card 2/2

ARKHAN GEL'SKIY, K.V.

PHASE : BOOK REIMPOSITION  
SOV/4379

Vsesoyuznaya konferentsiya po fizike dielektrikov. 2d, 1958  
Fizika dielektrikov: trudov konferentsii (Physics of Dielectrics;  
Transactions of the 2d All-Union Conference on the Physics of Dielectrics)  
Moscow: Izdatvo AN SSSR, 1960. 512 p. Errata slip inserted. 5,000 copies  
printed.

Sponsoring Agency: Akademiya nauk SSSR. Fizicheskii Institut Imeni P.N. Lebedeva,  
Zd. of Publishing House: Izd. Stankhizdatov, Izd. Ed. I.G. Dorokhin; Zdi-  
sorial Board: (Resp. Ed.) G.I. Shtark; Doctor of Physics and Mathematics  
(Deceased); and I.V. Filippov, Candidate of Physics and Mathematics  
Editor: This collection of reports is intended for scientists investigating  
the physics of dielectrics.

CONTENTS: The Second All-Union Conference on the Physics of Dielectrics held in  
Moscow at the Fizicheskii Institut Imeni P.N. Lebedeva (Physics Institute Imeni  
P.N. Lebedev) in November 1958 and of several other countries of the principal  
scientific centers of the USSR and of other countries. This col-  
lection contains most of the reports presented at the conference and summarizes  
of the discussions which followed. The reports in this collection deal with  
dielectric properties, losses, and polarization, and with specific inductive  
capacitance of various crystals, chemical compounds, and ceramics. Proto-  
types, ferroelectric crystals, and various types of dielectric materials.  
Reports on dielectrics are investigated. The 721 radiation and irradiation ef-  
fects presented at the conference dealing with polymers, glasses, and  
SSM, series dielectrics, which were published in the journal, Izvestiya AN  
Akademiya Nauk SSSR, No. 1 and 2, 1960. No personalizations are indicated.

Altshteyn, L.M., Kite, H. and I.D. Fridlitz. Temperature Dependence  
of Certain Ion Dielectricity  
21

Platonov, I.S. Specific Inductive Capacitance and Dielectric Losses of Some  
Crystals in Strong High-Frequency Electric Fields at High Temperatures  
(Zhurnal Fiziko-Tekhnicheskoi Mekhaniki, Tom 1, Seriya (Sovietian Physics and Technical  
Scientific Research Institute, Tashkent))  
Discussion  
28

Dalinger, I.K. On the Problem of the Static Specific Inductive Capacitance  
of Heterogeneous Dielectrics (Voprosy Mekhaniki i Teorii Stroeniya  
Vozdukhoplyatnykh Konstruktsii, No. 1, Seriya (Sovietian Physics and Technical  
Scientific Research Institute, Tashkent))  
Discussion  
39

Levanov, A.L. Acoustic Dispersion Observed in Some Dielectrics at Audio  
Range (Voprosy Mekhaniki Vozdukhoplyatnykh Konstruktsii, No. 1, Seriya  
(Sovietian Physics and Technical Scientific Research Institute, Tashkent))  
Discussion  
49

Formal, I.M., and E.I. Lobkovskiy. Dielectric Properties of Heterogeneous  
Dielectrics at Superhigh Frequencies  
Discussion  
57

Milshchikov, G.P., and A.M. Lobanov. Study of  $\epsilon'$  and  $\epsilon''$  in Polymers as a  
Function of Temperature at Superhigh Frequencies (Institute Vysokomolokul-  
yarnykh Soedineniy AN SSSR, Leningrad (Institute of High Molecular Compounds,  
USSR, Leningrad))  
Discussion  
77

Rigida, S.K. Dielectric Characteristics ( $\epsilon'$  and  $\epsilon''$ ) of Impregnated Cable  
Paper in Solution (Paper presented at the 2nd International Symposium on  
Macromolecular Chemistry, Moscow, 1959, Moscow Power Engineering Institute))  
Discussion  
97

Kolomoisky, V.M. Problems of the Dynamic Theory of Thermal Phenomena in  
Solids (Zhurnal Fiziko-Tekhnicheskoi Mekhaniki, Tom 1, Seriya (Sovietian Physics and  
Technical Scientific Research Institute, Tashkent))  
Discussion  
105

Kozlov, I.B., V.A. Kravtsov, K.G. Odnorov, and V.V. Puzynikov. On the  
Problem of Dielectricity in an Electric Field (Institute Vysokomolokul-  
yarnykh Soedineniy AN SSSR, Leningrad (Institute of High Molecular Compounds,  
USSR, Leningrad))  
Discussion  
124

Dalitskiy, D.A., and V.A. Shergalov. Use of Certain Resonators for  
Measuring Polymers in the Range of High Molecular Compounds, Academy of  
Science USSR, Leningrad)  
Discussion  
132

Zhukov, I.S., and V.M. Fridkin. Piezoelectricity and the Electrooptographic  
Process (Zhurnal Fiziko-Tekhnicheskoi Mekhaniki, Tom 1, Seriya (Sovietian Physics and  
Technical Scientific Research Institute, Tashkent))  
Discussion  
139

Gubin, A.S., and V.F. Shtarkman. On Charge Stability of Inorganic Dielectrics  
(Fizicheskii Institut Imeni P.N. Lebedeva, AN SSSR, Moscow)  
Discussion  
150



SEMENCHENKO, V.K.; ARKHANGEL'SKIY, K.V. (Moskva)

Dielectric constant and losses in the critical region of the layer separation of binary liquid systems. Zhur. fiz. khim. 35 no. 4:927-931 Ap '61.  
(MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i Voronezhskiy sel'skokhozyaystvennyy institut.  
(Systems (Chemistry))

ARKHANGEL'SKIY, K. V.

STRUCTURE AND PHYSICAL PROPERTIES OF MATTER IN A LIQUID STATE  
reports read at the 4th Conference convened in KIYEV from 1 to 5 June  
1959, published by the publishing House of KIYEV University, KIYEV,  
USSR, 1962

A.Z. GOLIK and I.P. KLASSEN, Connection Between Viscosity and Electrical Conductivity and the Structure of Zinc and Cadmium Amalgams	96
A.S. LASHKO, Roentgenographic Investigation of the Liquid Au-Sn Alloy	101
A.V. ROMANOVA and A.S. LASHKO, Roentgenographic Investigation of the Structure of Tin-Lead Liquid Alloys	107
YA.I. GERASIMOV, A.V. NIKOL'SKAYA and A.V. YEVSEYEV, Thermodynamic Properties of Liquid Metallic Alloys	115
N.L. POKROVSKIY and D.S. TISSEN, Investigation into Adsorption Layers on a Liquid Metallic Surface	119
V.E. SEMENCHENKO, On the Basic Types of Phase Transitions	124
V.Y. SEMENCHENKO and K.V. ARKHANGEL'SKIY, Dielectric Parameters of the Binary Liquid Systems Within the Critical Region and the Adjoining Regions	135

S/076/62/036/011/013/021  
B101/B180

AUTHORS: Arkhangel'skiy, K. V., and Semenchenko, V. K.

TITLE: Dielectric method of studying the thermodynamic stability of liquid binary systems

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 11, 1962, 2501-2506

TEXT: The dielectric constants of binary mixtures with critical ranges, such as nitro-benzene + octane (52.65 mole% of nitro-benzene), and nitro-benzene + heptane (45-50 mole% of nitro-benzene) were measured as dependent on composition, temperature, frequency, and the presence of impurities. A capacitor with 1.2 mm electrode spacing was used, to reduce the effect of changes in density occurring near the critical temperature. It was found that the curves  $1/\epsilon'$  or  $1/\epsilon''$  versus temperature can be used to follow phase transitions accurately in any system, as  $1/\epsilon'$  and  $1/\epsilon''$  are stability coefficients in the sense of the thermodynamic theory of phase transitions. There are 10 figures and 1 table.

Card 1/2

ARKHANGEL'SKIY, K.V.; SEMENCHENKO, V.K.

Concerning the determination of the critical region and  
critical temperature. Zhur. fiz. khim. 36 no.11:2564-  
2566 N'62. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet i Voronezhskiy  
sel'skokhozyaystvennyy institut.

ARKHANGEL'SKIY, K.V.

Dispersion of the dielectric constant in the critical region  
of binary liquid systems. Dokl. AN SSSR 143 no.6:1378-1379  
Ap '62.

(MIRA 15:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.  
Predstavleno akademikom A.V.Shubnikovym.  
(Systems (Chemistry)) (Dielectrics)

ARKHANGEL'SKIY, K.V.; SPIVAK, G.V.

S.A. Boguslavskii's classical paper on the theory of currents  
bounded by a space charge. Ist. i metod. est. nauk no.3:257-  
269 '65. (MIRA 18:12)

1. ARKHANGEL'SKIY, L. A.
2. USSR (600)
4. Clutches (Machinery)
7. Hobs for high-production milling of the face elements of clutch gears and couplings, (Trudy) TSNIIITMASH 4, 1947.

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

ARKHANGEL'SKIY, L. A., et al.

Montazh elevatorov (Assembly of elevators). Moskva, Zagotizdat, 1951. 480 p.

MLRA, Nov 52.



*B.I.R.*

ARKHANGEL'SKIY, L.A.

*Ussigns*

6017\* Certain Controversial Questions in the Theory of Precision of Mechanisms. (In Russian.) L. A. Arkhangel'skiy. Izvestia Akademii Nauk SSSR, Section of Technical Sciences, 87 y 1951, p. 742-750.  
Four of the above questions are discussed.

ARKHANGEL'SKIY, L. A.

Povysheniye kinematischeskoy tochnosti zubofrezernykh stanov (Increasing the kinematic accuracy of gear cutting machines, by) L. A. Arkhangel'skiy, G. I. Tkachevskiy, i G. A. Livshits. Moskva, Mashgiz, 1954. 199 p. diags.

SO: N/5  
741.415  
.A7

ARKHANGEL'SKIY, L.A.; TEACHEVSKIY, G.I.; LIVSHITS, G.A.

Increasing the kinematic accuracy of gear-milling machines. [Trudy]  
TSNIITMASH 65:3-199 '54. (MLRA 7:9)  
(Gear-cutting machines)

ANTOSHIN, Ye.V.

8(5)

13

PLANE I BOOK KINEMATICS

807/122

Справочник кинематика механизмов (Handbook for Mechanics of Machine-building Plants in Two Volumes, Vol. 2: Technology of Repair Operations) Moscow, Mashin, 1958. VII, 1059 p. 40,000 copies printed.

Author: Ye.V. Antoshin, Engineer; Ed.: K.G. Feofilov, Engineer; Tech. Ed.: I.P. Bobrov; Ed. Ser.: Ye.S. Borzov, Engineer, A.P. Vladimirov, Chief Editor; Managing Ed. for Reference Literature (Head): V.I. Kraylov, Engineer.

PURPOSE: This handbook is intended for personnel responsible for repair and maintenance operations in a machinery-manufacturing plant.

COVERAGE: The handbook contains information pertinent to the organization of repair and maintenance operations, design-preparation of maintenance work, and the participation of workers in preparation of the scientific research program and its execution. Information on the scientific research program is included in the sections on design and maintenance. Basic topics covered include: design of maintenance and repair parts in maintenance; basic topics covered include: design of maintenance and repair parts in maintenance; basic topics covered include: design of maintenance and repair parts in maintenance.

Methods of increasing the kinematic precision of screws and gear-cutting machines (Arkhangel'skiy, L.A., Engineer, Technical Sci., Candidate of Technical Sci., G.A., Candidate of Technical Sci.); Direct increase of precision of kinematic chains (Kraylov, V.I., Engineer); Improving precision characteristics of machine tools by changing their kinematic parameters (Kraylov, V.I., Engineer); Stabilization of errors in kinematic chains (Kraylov, V.I., Engineer); Technology of manufacturing parts for metal-cutting machines (Kraylov, V.I., Engineer); Manufacturing of shafts and spirals (Kraylov, V.I., Engineer); Manufacturing of lead screws (Kraylov, V.I., Engineer); Manufacturing of gears (Kraylov, V.I., Engineer); Manufacturing of rollers and flywheels (Kraylov, V.I., Engineer); Manufacturing of springs (Kraylov, V.I., Engineer).

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