

Application of the Mises' Variables to the  
Problem of Spreading of the Flow of Laminar  
Jet Along a Wall

77994  
SOV/40-24-1-22/28

where

$$l_0 = \frac{E_0}{\rho u_0^2} \tag{3.1}$$

A recursive system of differential equations is gotten for the  $f_1$  with corresponding boundary and integral conditions. Graphs are given of the first three  $f_1$ .

The author notes that the solution tends to the Blasius solution as  $\zeta \rightarrow \infty$  since the intensity of the jet diminishes downstream at large distances from the source and the flow velocity becomes constant. A graph is also given of the velocity profile  $u/u_0$  for

$\zeta/L_0 = 1.4$  as well as the profile for  $\zeta/L_0 = \infty$ , i.e., the Blasius, profile for comparison. There are 3

Card 5/6

Application of the Mises' Variables to the  
Problem of Spreading of the Flow of Laminar  
Jet Along a Wall

77994  
SOV/40-24-1-22/28

figures; and 4 references, 3 Soviet, 1 U.S. The U.S.  
reference is: M. Glauert, Wall Jet, Journal of Flush  
Mech., Nr 1, 1956.

SUBMITTED: January 6, 1958

Card 5/6

AKATNOV, N.I.

Propagation of an axisymmetrical turbulent jet on the external surface of a circular cylinder along its generatrix. Trudy LPI no.217:17-26 '61. (MIRA 15:3)

(Jets--Fluid dynamics)

AKATNOV, N.I. (Leningrad); SYUY MYAN'-FYN [Hsü Mien-fêng]

Flow of a plane semibounded jet along a curved surface. PMTF no.6:  
60-67 N-D '62. (MIRA 16:6)

(Hydrodynamics)

LE285  
S/207/62/000/006/011/025  
E025/E114

AUTHORS: Akatnov, N.I., and Haü Mien-fung (Leningrad)

TITLE: A plane half-bounded jet on a curvilinear surface

PERIODICAL: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki,  
no.6, 1962, 60-67

TEXT: A solid cylindrical surface, located in an infinite space filled with a viscous fluid at rest, is considered. On the convex side of the surface there is a straight, infinitely thin slit-source parallel to the generators of the cylinder, and a jet of fluid with the same physical constants as the fluid occupying the surrounding space is projected from the source along the tangent plane to the surface. Experiments have shown that for a considerable portion of its path the jet flows round the surface and is not separated from it. This is attributed to a fall in the pressure at the surface, which is due to inertial forces on the jet. The Navier-Stokes equations for the problem are formulated, assuming that the fluid is incompressible and the motion is steady and laminar. The equations are then simplified by passing to dimensionless variables and using approximate expressions for the  
Card 1/2

A plane half-bounded jet on a ...

S/207/62/000/006/011/025  
E025/E114

thickness of the flow region and the radius of curvature  $R$ . The solution of the problem is sought in the form of a series in powers of  $R^{-1}$  in which the first term corresponds to a plane surface and the second term is a curvature correction. An expansion of the stream function in terms of arbitrary functions is then substituted into the Navier-Stokes equations, yielding a set of ordinary differential equations for the determination of the arbitrary functions and hence of the stream function. It is found that the solution for a curved surface cannot be found in terms of analytical functions and a procedure for numerical integration is outlined. Estimates are given for the coordinates of the point at which the jet separates from the surface. The cases where the jet is projected inside the surface and where the curvature of the cylinder is not constant are briefly discussed. There are 4 figures and 1 table.

SUBMITTED: April 16, 1962

Card 2/2

AKATNOV, N.I.

Experimental investigation of aerodynamic characteristics  
of the domes of astronomical telescopes. Trudy LPI no.230:  
132-136 '64. (MIRA 17:6)

ACCESSION NR: AT4041818.

S/2563/64/000/230/0132/0136

AUTHOR: Akatnov, N. I.

TITLE: Experimental investigation of aerodynamic characteristics of astronomical telescope domes

SOURCE: Leningrad. Politekhnicheskii institut. Trudy\*, no. 230, 1964. Tekhnicheskaya gidromekhanika (Technical hydromechanics), 132-136

TOPIC TAGS: telescope dome, aerodynamic characteristic, air resistance force, aerodynamic tunnel

ABSTRACT: An experimental study of the aerodynamic characteristics of astronomical telescope domes was conducted to determine the optimal shape of such domes. Models having various shapes (symmetrical and otherwise) were analyzed in an aerodynamic tunnel. A brief description of the apparatus and test procedure is given. Five different shapes were tested, and the results are given in graphs and discussed. It was found that domes symmetrical with respect to a vertical axis have the best aerodynamic characteristics, and that the air resistance

Card 1/2



ACCESSION NR: AT4041818

force of domes built on large bases is smaller than that of domes built on narrow or on lattice-structure bases.. Orig. art. has: 8 figures.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3055

ENCL: 00

SUB CODE: ME, AC

NO REF SOV: 000

OTHER: 000

Card

2/2

L 63068-65 EWP(m)/EWT(1)/FCS(k)/EWA(d)/EWA(1) Pd-1

ACCESSION NR: AT5015714

UR/2563/65/000/248/0104/0109

AUTHOR: Akatnov, N. I.

TITLE: Propagation of a system of plane turbulent flows

SOURCE: Leningrad, Politeknicheskyy Institut. Trudy, no. 248, 1965. Tekhnicheskaya gidrogazodinamika (Technical gas hydrodynamics), 104-109

TOPIC TAGS: plane turbulent flow, incompressible liquid, flow propagation, unlimited periodic flow, boundary condition

ABSTRACT: The postulated problem concerns the propagation of liquid flows beyond exit

Card 1/2

$$\frac{\partial p}{\partial y} = 0; \frac{\partial u}{\partial x} + \frac{\partial v}{\partial y} = 0,$$

L 43068-65

ACCESSION NR: AT5015714

here,  $u$  and  $v$  are projections of the mean velocity vector on axes  $Ox$  and  $Oy$ ,  $\rho$  is fluid density,  $\tau$  is tangential friction stress and  $p$  is hydrostatic pressure. Observing boundary and integral conditions, the author obtains a solution for the velocity profiles, as well as for the kin-

system of common differential equations. The final solution was obtained by integrating that system while observing integral relations and boundary conditions. The pressure remains constant in this solution along the  $Oy$  axis, but varies along the  $Ox$  axis, and its distribution in the initial film is given by distinct

formulas.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (men. M. I. Kalnina (Leningrad Polytechnical Institute)

SUBMITTED TO

ENCL 00

SUB CODE MF

REF SOV 001

OTHER 000

Card 2/2

AKATOV, A.I., GERASIMOV, A.G., TATSIYENKO, P.A.

Beneficiation of "Lisekovskiy" deposit brown ores at the  
"Sibelektrostal'" ore dressing pilot plant. Obog. rud 2 no. 6:23-  
30 '57. (MIRA 11:8)

(Kustanay Province--Iron ores)  
(Ore dressing)

AKATOV, A.I.

Utilizing ash tailings of thermal power plants. Obog. rud  
3 no.2:24-25 '58. (MIRA 11:11)  
(Electric power plants--By-Products)

AKATOV, A.I.

Application of arc-shaped screens in ore-dressing plants. Obog.  
rud 3 no.6:26-32 '58. (MIRA 14:8)  
(Screens (Mining))

AKATOV, A.I.

Attrition of Chiatura deposit manganese slimes in the process of  
hydraulic conveying. Obog. rud 6 no.1:48-52 '61. (MIRA 14:8)  
(Chiatura--Manganese ores) (Hydraulic conveying)



AKATOV, A.I.; Primalni uchastiye: TATSIYENKO, P.A.; LUK'YANOV, S.M.;  
KOSUL'NIKOV, M.D.; KUSOVA, T.A.; YEGOROV, N.A.

Efficient flow sheet for Lisakovka deposit ore dressing.  
Obog. rud. 8 no.3:8-12 '63. (MIRA 17:1)

AKATOV, A.I.; KOSTIN, I.M.

Ways of improving the operation of an ore washing and dressing  
plant. Gor. zhur. no.2:63-66 F '65. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad (for  
Akaton). 2. Magnitogorskiy metallurgicheskiy kombinat (for  
Kostin).

AKATOV, A. K.: Master Med Sci (diss) -- "Experimental study of the problem of dosing with antigens in separate and combined immunization with purified sorbed anatoxin edematiens and tetanus anatoxin". Moscow, 1958. 15 pp (Acad Med Sci USSR, Inst of Epidemiology and Microbiology im Honorary Acad N. F. Gamaleya), 200 copies (KL, No 2, 1959, 124)

AKATOV, A.K.

Result of a single immunization of a purified *Cl. oedematiens* anatoxin adsorbed on aluminum hydroxide. Zhur.mikrobiol.epid. i immun.29 no.3:71-77 Mr '58. (MIRA 11:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR. (CLOSTRIDIUM, oedematiens anatoxin adsorbed on aluminum hydroxide, eff. of single admin. (Rus)

BESSICERTNYI, B.S.; AKATOV, A.K.

Statistical method in experimental studies in the field of microbiology and immunology. Report No.4: Transformation of experimental data using the probability method. Zhur. mikrobiol.epid. i immun. 30 no.5:106-110 My '59.

(MIRA 12:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR

(MICROBIOLOGY,

statist. conversion of exper. data by probability method (Rus))

(IMMUNOLOGY,

same)

AKATOV, A.K.; GAVRILOV, V.I.; SEMENOV, B.F.

Two examples of the use of the statistical method for analyzing  
results of a virological experiment. Vop. virus. 5 no. 1:114-117  
Ja-F '60. (MIRA 14:4)

(STATISTICS, MEDICAL)

SEMENOV, B.F.; AKATOV, A.K.; GAVRILOV, V.I.

Choice of method for calculating ED 50 in the practice of  
virological studies. Vop. virus. 5 no. 6:741-744 N-D '60.  
(MIRA 14:4)

(POLIOMYELITIS)

AKATOV, A.K.

Problem of selecting the optimal dose of purified sorbed tetanus  
anatoxin for a single-shot immunization of animals. Zhur.  
mikrobiol. epid. i immun. 31 no. 4:74-79 Ap '60. (MIRA 13:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei  
AMN SSSR.

(TETANUS)



AKATOV, A.K.

Regularities in complex immunization with sorbed oedematous and tetanus toxoids. Zhur.mikrobiol.epid.i immun. 31 no.8:81-87-Ag '60. (MIRA 14:6)

1. Iz Otdela ranevykh infektsiy Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.  
(TETANUS) (CLOSTRIDIUM NOVIYI)

AKATOV, A.K.; LEBEDEVA, Z.I.

Quantitative relationship between phosphatase activity, pathogenic properties, and penicillin resistance in Staphylococcus. Antibiotiki 6 no.4:363-368 Ap '61. (MIRA 14:5)

1. Otdel ranevykh infektsiy Instituta mikrobiologii i epidemiologii imeni N.F.Gamalei AMN SSSR. (STAPHYLOCOCCUS) (PENICILLIN) (PHOSPHATASE)

AKATOV, A.K.

Experimental study on the rate of immunological response following  
revaccination with staphylococcus anatoxin. Zhur.mikrobiol.epid.i  
immun. 33 no.5:57-65 My '62. (MIRA 15:8)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN  
SSSR.

(STAPHYLOCOCCAL DISEASE) (TOXINS AND ANTITOXINS)

AKATOV, A.K.

Use of the criterion of conformity in experimental microbiological studies. Zhur. mikrobiol. epid. i immun. 33 no. 10:70-75  
0'62 (MIRA 17:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei  
AMN SSSR.

AKATOV, A.K.

Dynamics of the immunological reactions in the early period  
after revaccination by *Cl. perfringens* anatoxin. Zhur. mikro-  
biol., epid. i immun. 33 no.12:122-130 D '62. (MIRA 16:5)

1. I. Institut epidemiologii i mikrobiologii imeni Gamalei  
AMN SSSR.  
(CLOSTRIDIUM) (GAS GANGRENE) (TOXINS AND ANTITOXINS)

VYGODCHIKOV, G.V.; AKATOV, A.K.; LEBEDEVA, Z.I.

Phage typing of pathogenic staphylococci. Report No.2: Comparison of the resistance of strains to antibiotics with results of their phage typing. Zh. mikrobiol. 40 no.7:19-24  
Jl'63 (MIRA 17:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei  
AMN SSSR.

VYGODCHIKOV, G.V.; AKATOV, A.K.; LEBEDEVA, Z.I.

Phage typing of pathogenic staphylococci. Report No.1:  
Dependence of the results of phage typing on the origin  
and pathogenic properties of the strains. Zhur. mikrobiol.,  
epid. i immun. 40 no.2:70-76 F '63. (MIRA 17:2)

1. Iz Instituta epidemiologii i mikrobiologii imeni  
Gamalei AMN SSSR.

AKATOV, A.K.

Selection of an experimental model for the study of staphylococcal infection with the use of biometric analysis. Zhur. mikrobiol., epid. i immun. 40 no.11:39-45 N '63. (MIRA 17:12)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.



ACCESSION NR: AP4031447

S/0016/64/000/004/0081/0087

AUTHOR: Akatov, A. K.

TITLE: Investigation of the staphylococcus alpha-toxin lethal effect on certain inbred lines of mice

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 4, 1964, 81-87

TOPIC TAGS: staphylococcus alpha-toxin, lethal effect, inbred lines of mice, sensitivity difference, male toxin sensitivity, female toxin sensitivity, biometric analysis

ABSTRACT: Sensitivity differences to the lethal effect of staphylococcus alpha-toxin were investigated in inbred lines of mice (BAL, B/c, C3H, C57BL, C57L, and CC57BR) and in control mongrel mice. All experimental animals and control group animals were divided into male and female groups to determine whether sex of animal also influenced sensitivity as indicated in some literature sources. In the first of two experimental series, staphylococcus alpha-toxin doses of 0.0006, 0.0009, 0.013, and 0.02 ml were administered to groups of young mice weighing 15 to 18 g. In the second series doses of 0.007, 0.011,

1/2  
Card--

ACCESSION NR: AP4031147

0.017, and 0.025 were administered to groups of older mice weighing 18 to 21 g. In both series each dose was administered to four similar groups consisting of 5 mice each and of the same sex. Animals were observed for 7 days following inoculation and checked twice each day to determine lethal effects of the toxin. Data were analyzed by biometric methods. Findings show that inbred lines of mice differ in their susceptibility and sensitivity to staphylococcus alpha-toxin in the following descending order: C3H, C57BL, control mongrel mice, C57L, and BAL B/c. Data on the CC57BR line was inconclusive. Age of animal does not appear to affect sensitivity. Female mice were found more sensitive than male mice. All animals displayed a higher sensitivity to staphylococcus alpha-toxin than to staphylococcus cultures, but variability of responses to toxin administration was lower than to culture injections. Orig. art. has: 3 tables.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. Gamalei AMN SSSR (Epidemiology and Microbiology Institute, AMN SSSR)

SUBMITTED: 06Feb63

ENCL: 00

SUB CODE: LS

NR REF SOV: 004

OTHER: 006

Card

AKATOV, A.K.

Methodology of obtaining type-specific staphylococcal bacteriophages.  
Zhur. mikrobiol., epid. i immun. 41 no.3:19-24 Mr '64. (MIRA 17:11)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

AKATOV, A.K.

Study of the lethal action of staphylococcal  $\alpha$ -toxin in mice of some inbred lines. Zhur. mikrobiol., epid. i immun. 41 no.4:81-87  
Ap '64. (MIRA 18:4)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

AKAFIN, 1965.

The use of tubercle strains of mice as an experimental model for the study of immunity against staphylococci. J. hyg. epidem. (Praha) 9 no.2:180-190 '65.

I. Gansleya Institute of Epidemiology and Microbiology, Academy of Medical Sciences of the U.S.S.R., Moscow.

BALAYAN, L.B.; AKATOV, A.K.

Phagotyping of staphylococci isolated in pediatric institutions.  
Zhur. mikrobiol., epid. i immun. 42 no.6:86-91 '65.

(MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei  
AMN SSSR.

AKATOV, A.K.

Some data on the virulence of staphylococci strains in connection with their origin, phagotype, and pathogenic properties. Zhur. mikrobiol., epid. i immun. 43 no. 1:87-94  
Ja '66 (MIRA 19:1)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR,  
Submitted October 23, 1964.

PSHENICHNYY, Ya.; KOSHELEV, V.; AKATOV, B.

See business. Izobr. i rats. no.10:32-33 '63.

(MIRA 17:2)

1. Predsedatel' Armsvirskogo komiteta partiyno-gosudarstvennogo kontrolya (for Pshenichnyy). 2. Predsedatel' Krasnodarskogo/soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov (for Koshelev). 3. Sekretar' Krasnodarskogo krayevogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov (for Akatov).



AKATOV, B.N.

NIKITIN, N.T.; ZOLOTNITSKAYA, A.S.; SHUMTSOVA, L.T.; AKATOV, B.N.;  
KUVSHINSKIY, V.V., kandidat tekhnicheskikh nauk, redaktor; DUGINA,  
N.A., tekhnicheskiiy redaktor

[Rapid-action machine-tool accessories] Bystrodeistvuiushchie  
stanochnye prispobleniia. Moskva, Gos. nauchno-tekhn. izd-vo  
mashinostroit. lit-ry, 1954. 18 p. (MLRA 8:7)  
(Machine tools)

KORSHUNOV, D., inzh.; AKATOV, G., inzh.

Testing part of a composite roof. Prom. stroi. i inzh. soor. 5 no.2:20-24  
Mr-Ap '63. (MIRA 16:4)

(Roofing, Concrete—Testing)

AKATOV, G.I.

Testing trusses for a precast monolithic concrete roof having  
a span of 18 meters. Sbor. nacuh. trud. Dnepr. inzh.-stroi.  
inst. no. 31:51-61 '63 (MIRA 18:1)

Testing prestressed trusses having a span of 30 meters.  
Ibid. :63-74.

AKATOV, I.G., slesar'-remontnik

Modernizing shakeout tables. Mashinostroitel' no.9:16 S '60.  
(MIRA 13:9)  
(Foundries--Equipment and supplies)

**FLEGONTOVA; AKATOV, S.; AKATOV, K.; ARUTYUNYAN; BAGDASAROV; PEREPELYUK;  
ORLIK; ROMENETS; IKHNO; VLASOV; TSIRKEL'; SYROYEZHKO.**

Obligations in honor of the 22d Congress of the CPSU have been fulfilled. Masl.--zhir. prom. 27 no.11:1-3 N '61. (MIRA 15:1)

1. Zamestitel' nachal'nika ekonomicheskogo otdela Upravleniya meditsinskoy i parfyumernoy promyshlennosti Mosgorsovnarkhcha (for Flegontova). 2. Direktor Leningradskogo mylovarennogo zavoda imeni Karpova (for S.Akatov). 3. Direktor Nevskogo mylovarennogo zavoda (for K.Akatov). 4. Glavnyy inzh. Zaporozhskogo maslozhirovogo kombinata (for Arutyunyan). 5. Direktor Yerevanskogo maslozhirovogo kombinata (for Bagdasarov). 6. Direktor Ferganskogo maslozhirovogo kombinata (for Perepelyuk). 7. Glavnyy inzh. Chimkentskogo maslozhirovogo kombinata (for Orlik). 8. Direktor Kazanskogo zhirovogo kombinata (for Romenets). 9. Glavnyy inzh. Gomeľ'skogo zhirovogo kombinata (for Ikhno). 10. Direktor Novosibirskogo zhirovogo kombinata (for Vlasov). 11. Direktor Odesskogo masloekstraktsionnogo zavoda (for TSirkel'). 12. Direktor Vitebskogo masloekstraktsionnogo zavoda (for Syroyezhko).  
(Oil industries)

AKATOV, K.K.; VINNITSKAYA, Ye.P., inzh.; BLINER, L.G., inzh.; ASKINAZI, Z.M., inzh.

Refining hide fat. Masl.-zhir.prom. 25 no.1:36-38 '59.

(MIRA 12:1)

1. Nevskiy mylovarennyy zavod (for Akatov). 2. Leningradskiy zavod "Salolin" (for Vinnitskaya, Bliner, Askinazi).

(Oils and fats)

AKATOV, K.K.

Our plans. Masl.-zhir.prom. 25 no.2:6 '59. (MIRA 12:2)  
(Soap industry)

AKHIOV, M.

AKATOV, M. A.

Reconstruction of the washing plant of a laundry works. Zhil.-kom.  
khoz. 4 no.4:19-20 '54. (MIRA 7:7)

1. Glavnyy inzhener fabriki-prachechnoy No. 6 Moskovskogo gorodsko-  
go tresta prachechnykh.  
(Laundry machinery)



GUTOV, N.G.; AKATOV, N.A.

Work experience of the Moscow mechanized factory-laundry no.6.  
Gor.khoz.Mosk.29 no.10:32-36 0 '55. (MLRA 9:2)  
(Moscow--Laundries, Public)

AKATOV, N. V.

Akatov, N. V. "Clinical observations and the pathogenesis of changes in the pelvic system in poliomyelitis," Sbornik nauch. trudov (N-vo zdravookhraneniya RSFSR. Resp. nauch.-issled. in-t. vosstanovleniya trudosposobnosti fiz. defektivnykh detey im. prof. Turnera), Leningrad, 1948, p. 139-61.

SO: U - 3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

AKATOV, M.V.

21021 Akatov, M.V. Osobennosti Kontraktur Tazobedrennogo sustava pri poliomyelite. Trudy in-ta (Kazansk Nauch--issled, in-t ortopedii i vosstanovit, Khirurgii) tlll, 1949, s. 175-81.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

KRYSHOVA, N. A.; FLIGEL'MAN, P. M.; AKATOV, M. V.

Treatment with dibazol of the residual stage of poliomyelitis.  
Zh. nevropat. psikhiat., Moskva 52 no.4:42 Apr 1952, (CML 22:2)

1. Of the Scientific-Research Institute imeni T. I. Turner (Director -- M. N. Goncharov).

AKATCV, M. V.

"A Divided Transplant of the Long Head of the Femoris Muscle  
in Paralysis of the Extensor Muscle of the Knee." Cand Med Sci,  
Leningrad Medical Inst imeni Academician I. P. Pavlov, Min Health  
RSFSR, Leningrad, 1955. (KL, No 10, Mar 55)

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

USSR/Human and Animal Physiology - Neuro-Muscular  
Physiology.

V-11

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4374

Author : M. Akatov

Inst : Leningrad Medical Institute of Sanitation and Hygiene  
and Scientific-Research Pediatric Orthopedic Institute.

Title : Development of a New Function of the "Long Head" of the  
Biceps Femoris Muscle after Its Transplantation on the  
Patella.

Orig Pub : Tr. Leningr. san-gigiyen. med. in-ta, i n.-i, dyetsk.  
ortoped. in-ta, 1956, 29, 211-227

Abstract : In patients from 6 to 15 years old showing poliomyelitis  
sequellae (non-functioning of the quadriceps muscle) of  
a duration of 4-15 years, transplantation of the long  
head of biceps femoris - alone or together with other

Card 1/2

AKATOV, S.K., inzhener; IZOTOV, N.N., inzhener; DUROV, A.T., inzhener.

Effective mechanization of inter-plant loading and transporting operations.  
Mekh.trud.rab. 7 no.10:14-16 O-N '53. (MLRA 6:10)  
(Loading and unloading)

1. ARAMOV, S. K.
2. USSR (600)
4. Automatic Control
7. Automatic signal for measuring out liquids, *Iskl. -zhir. prom.* 18, No. 4, 1953.

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



AKATOV, S.K.;FRID, G.S., kandidat tekhnicheskikh nauk.

Use and economic effectiveness of lift trucks in loading and unloading.  
Masl.-zhir, prom. 23 no.5:32-34 '57. (MLRA 10:5)

1. Leningradskiy mylovarenyy zavod im. Karpova.  
(Loading and unloading) (Industrial power trucks)

*AKATOV, S.K.*  
KUPCHINSKIY, P.D., kandidat tekhnicheskikh nauk; BELAN, G.A.; ~~AKATOV, S.K.~~

Continuous production of soap in a vacuum installation. Masl.-zhir.  
prom. 23 no.7:19-24 '57. (MLRA 10:8)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov. (for  
Kupchinskiy, Belan) 2.Mylovarennyy zavod imeni Karpova (for Akatov)  
(Soap industry) (Vacuum apparatus)

AKATOV, S.K.

Working under the new conditions. Masl,-zhir. prom. 23 no.12:34-35  
'57. (MIRA 11:2)

1. Mylovarennyy zavod Lenzhirkombinata.  
(Krasnodar Territory--Soap industry)

AKATOV, S.K.

Production management without participation of individual shops.  
Masl.-zhir.prom. 25 no.2:25-26 '59. (MIRA 12:2)

1. Leningradskiy mylovarennyy zavod imeni Karpova.  
(Leningrad--Soap industry)

AKATOV, S.K.

GNL-30M crawler. Masl.-zhir.prom. 26 no.4:44 Ap '60.  
(MIRA 13:6)

1. Leningradskiy mylovarennyy zavod imeni Karpova.  
(Leningrad--Soap industry--Equipment and supplies)  
(Loading and unloading)

AKATOV, S.K.; IZOTOV, N.N.

Mechanization of labor-consuming work. Masl.-zhir.prom. 27 no.1:  
34-35 Ja '61. (MIRA 14:1)

1. Leningradskiy mylovarennyy zavod imeni Karpova.  
(Loading and unloading)

AKATOV, S.K.

More complete mechanization and automation, higher labor productivity. Masl.-zhir. prom. 27 no. 2:31-32 '61.  
(NIRA 14:2)

1. Leningradskiy mylovarennyy zavod imeni Karpova.  
(Oil industries--Labor productivity)  
(Automation)

AKATOV, S.K.

New synthetic washing powders and cleansing agents. Masl.-zhir.  
prom. 27 no. 4:41 Ap '61. (MIRA 14:4)

1. Leningradskiy mylovarennyy zavod imeni Karpova.  
(Leningrad--Cleaning compounds)



AKATOV, S.K., inzh.; KHARITONOV, A.A., inzh.; LOZNER, G.Ye., inzh.; FRID, G.S.,  
inzh.

Economic efficiency of the utilization of carbon dioxide. Masl.-zhir.  
prom. 28 no.8:25-26 Ag '62. (MIRA 17:2)

1. Leningradskiy mylovarennyy zavod imeni Karpova.

AKATOV, V.A.

~~Enucleation of corpus luteum~~  
Enucleation of corpus luteum persists as a method of eliminating  
sterility in cows. Trudy Biol.inst.KirFAN SSSR no.3:21-24 '50.

(COWS)

(MLRA 8:5)

(STERILITY IN ANIMALS)

(VETERINARY SURGERY)

AKATOV, V.A.

Clinical and experimental studies of trichomoniasis in cattle.

Trudy Biol.inst.KirFAN SSSR no.3:159-176 '50. (MLBA 8:5)

(TRICHOMONIASIS)

(CATTLE--DISEASES)

AKATOV, Y.A.; BESTUZHEV, A.G.; ROMASHEVA, L.F.; KORNEYEV, D.N.; ODYNETS,  
H.N., otvetstvennyy redaktor

[Causes of sterility in cattle on some state farms of the Kirgiz  
S.S.R. and how it can be controlled] Prichiny besplodiia krupnogo  
rogatogo skota v nekotorykh sovkhozakh Kirgizskoi SSR i mery bor'by  
s nim. Frunze, Izd-vo Kirgizfan SSSR, 1953. 53 p. [Microfilm]  
(MLRA 7:10)

(Kirghizistan--Sterility in animals)  
(Sterility in animals--Kirghizistan)

AKATOV, V.A., dotsent, kandidat veterinarnykh nauk; POPOV, P.A., assistant.

Therapy of trichomiasis in breeding bulls. Veterinariia 30 no.1:  
27-30 Ja '53. (MLRA 6:1)

1. Kirgizskiy sel'skokhozyystvennyy institut imeni akadem'ka  
Skryabina.

USSR/Medicine-Veterinary, New Drugs Sep 53

"Furacylin Therapy of Infectious Follicular Vestibulitis in Cows and Balanoposthitis in Bulls,"  
V. A. Akatov, Docent, Cand Vet Sci, Kirghiz Agr Inst  
im Skryabin

Veterinariya, Vol 30, No 9, p 53

Furacylin is a new Soviet drug, 5-nitro-2furfurylidene-  
semicarbazone, which proved to be effective in the treatment of acute cases of infectious follicular vestibulitis in cows and balanoposthitis in bulls.

270176

It was also effective in the treatment of trypanosomiasis in camels and coccidiosis and mastitis in cows. Furacylin is a yellow, bitterish powder, somewhat soluble in water and in alcohol, but not soluble in ether. Its effectiveness is preserved for a long period of time if it is kept in jars made of dark glass. Furacylin solution prepared in cod-liver oil produced the best therapeutic effects.

270176

AKATOV, V. A.

AKATOV, V. A. -- "Trichomoniasis of Cattle." Min Higher Education USSR.  
Kazan' State Veterinary Inst imeni N. E. Bauman. Frunze, 1954.  
(Dissertation for the Degree of Candidate in Veterinary Sciences)

SC: Knizhnaya Letopis', No 1, 1956

ODYNETS, R.N.; ALAYOV, V.A.; KORNEYEV, D.N.; DONUKAN, A.F.; KOMASHEVA, I.P.

Effect of insemination with mixed semen on the rate of fertilization in cows. Trudy Inst. zool. i paraz. KirFAN SSSR, no. 1: 25-29 '54. (MLRA 10:6)

(Artificial insemination) (Cows)



AKATOV, V.A., kandidat veterinarnykh nauk.

Artificial medium suggested for transporting exudate to be  
examined for the presence of Trichomonas. Veterinariia 31  
no.2:31-32 F '54. (MIRA 7:2)

1. Kirgizskiy sel'skokhozyaystvennyy institut im. Skryabina.  
(Veterinary medicine--Diagnosis) (Trichomonas)  
(Bacteriology--Cultures and culture media)

AKATOV, Vasilii Alekseyevich.

Kirgiz Agricultural Inst. Academic degree of Doctor of Veterinary Sciences, based on his defense, 21 March 1955, in the Council of Kazan' State Veterinary Inst imeni Bauman, of his dissertation entitled: "Trichomonosis of Large Horned Cattle."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 14, 11 June 1955, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp. 5-24, Uncl. JPRS/NY-537

AKATOV, V.A.

[Sterility in cattle and ways of controlling it] Besplodie krupnogo rogatogo skota i mery bor'by s nim. Frunze, Kirgizskoe gos. izd-vo, 1955. 46 p.

(Sterility in animals)

(MIRA 10:2)



AKATOV, V.A., kandidat veterinarnykh nauk, dotsent.

Retention time of Trichomonas in the house fly. Veterinaria  
32 no.8:84 Ag '55. (MIRA 8:10)

1. Kirgizskiy sel'skokhozyaystvennyy institut imeni akademika  
Skryabina.  
(TRICHOMONAS) (FLIES AS CARRIERS OF DISEASE)

USSR/Diseases of Farm Animals - Discases Caused by Protozoa.      R-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45440

Author : Akatov, V.A.

Inst : Kirghiz Agricultural Institute.

Title : The Clinical Picture of Trichomoniasis in Bulls.

Orig Pub : Tr. Kirg. s.-kh. in-ta, 1956, vyp. 9, 205-208

Abstract : Trichomoniasis in bulls follows a course either of an acute and chronic balanoposthitis, or one without symptoms (Trichomonas-carrier condition). In an acute form, edema, hyperemia, painfulness of the glans penis and of the prepuce, and a discharge of the purulent exudate, are noticeable. Nodules are present on the glans penis. The potency is decreased. The trichomonads are localized in the prepuce. In the chronic form of disease, the symptoms are the same but the edema and painfulness of the

Card 1/2

AKATOV, V.A., prof.; SUBBOTINA, L.G., dots.

"Veterinary obstetrics, gynecology, and artificial insemination"  
by F.A. Troitskii. Veterinariia 35 no.4:89-90 Ap '58. (MIRA 11:3)

1. Voronezhskiy zooveterinarnyy institut (for Akatov). 2. Kazan-  
skiy veterinarnyy institut (for Subbotina).

(Veterinary obstetrics)

(Troitskii, F.A.)

AKATOV, V. A. (Professor, Doctor of Veterinary Sciences), SMIRNOV, K. L. (Oblast' Conference of Veterinary Specialists).

"Training of specialists on artificial insemination of animals in the Voronezh Zooveterinary Institute.

Veterinariya, Vol. 38, No. 4, 1961.



ASHOV, V.A., prof.; GERMAN, G., veterinarnyy vrach

Contractive activity of the cow uterus during the placental stage.  
Veterinariia 41 no.2 '6-79 P 169. (MIRA 18:3)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

MESSAYLOV, V.D., aspirant; AKAICU, V.P., prof.

Oxytocin as a means of prophylaxis of the subinvolution of the  
uterus in cows. Veterinariia 27 no.198:85 Ap '65.

(MIRA 18:6)

I. Voznezhskiy Sel'sk khozyaystvennyy Institut,

SMIRNOV, K.L.; AKATOV, V.A., prof., doktor veterin. nauk; KAYRYUKSHTENE, V.  
[Kairiukstiene, V.]; SERGEYEV, A.; KHOPIN, A.; NIKIFOROV, V.;  
SHTUYKIS, V. [Stuikis, V.]

Information and news. Veterinariia 38 no.4:90-96 Ap '61  
(MIRA 18:1)

1. Uchenyy sekretar' Litovskogo nauchno-issledovatel'skogo insti-  
tuta veterinarii (for Shtuykis).

GERMAN, I.G., veterinarnyy vrach; AKATOV, V.A., prof., nauchnyy  
rukovoditel' raboty

Motility of the uterus in cows after deliveries. Veterinariia  
42 no.9:81-83 S '65. (MIRA 18:11)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

CHEREMISINOV, G.A., aspirant; AKATOV, V.A., prof., nauchnyy rukovoditel' raboty; IVANOVA, T.M., dotsent, nauchnyy rukovoditel' raboty

Changes in the ovaries of cows under the effect of pregnant mare's serum and blood. Veterinariia 42 no.12:64-68 D '65.

(MIRA 19:1)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

AKATOV, Yevgeniy Ivanovich; BELOV, Pavel Mitrofanovich; D'YACHENKO, Nikolay Kharitonovich, prof., doktor tekhn.nauk; MUSATOV, Vitaliy Sergeevich; ZHDANOVSKIY, N.S., doktor tekhn.nauk, retsenzent; DUBUSOVA, G.A., red.izd-va; FRUMKIN, P.S., tekhn.red.

[Performance of a motor-vehicle engine under unsteady conditions]  
Rabota avtomobil'nogo dvigatelya na neustanovivshemsia rezhime.  
Pod red. N.Kh.D'iachenko. Moskva, Gos.nauchno-tekhn.izd-vo mashino-  
stroit.lit-ry, 1960. 247 p. (MIRA 13:4)  
(Motor vehicles--Engines)

TABAROVSKIY, I.K.; MANDEL'TSVAYG, Yu.B.; GOFMAN, I.M.; BENYUSH, V.A.;  
POPOV, V.I.; AKATOV, Yu.A.

Diagnostic scintillation device of the DSU-60 type. Med.rad.  
no.9:64-67 '61. (MIRA 15:1)

1. Iz otdela radiologicheskikh i rentgenovskikh priborov i  
apparatov Vsesoyuznogo nauchno-issledovatel'skogo instituta  
meditsinskogo instrumentariya i koborudovaniya Ministerstva  
zdravookhraneniya SSSR.

(RADIOLOGY, MEDICAL—EQUIPMENT AND SUPPLIES)

AKATOV, Yu.A.; POPOV, V.I.; KANEVSKAYA, N.A.

Scintillation well counter. Med. prom. 17 no.9:50-53 S'63.  
(MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh  
instrumentov i oborudovaniya.



ACC NR: AT6036/70

SOURCE CODE: UR/0000/66/000/000/0015/0016

AUTHOR: Alatov, Yu. A.; Kovalev, Yo. Yo.; Petrov, V. M.; Skvortsov, S. S.; Smirennyy, L. N.

ORG: none

TITLE: Analysis of the results of measurements of cosmic-radiation doses in circumterrestrial space [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 15-16

TOPIC TAGS: radiation dosimetry, cosmic radiation, solar flare, thermoluminescent dosimeter, radiation shielding, manned spaceflight, photodosimeter, ILK dosimeter

ABSTRACT:

The results of measurements of radiation in space taken at altitudes of 200-400 km have been analyzed. Dosimetry was performed by means

Card 1/3

L 08274-67

ACC NR: AT6036470

3.

of thermoluminescent integral dosimeters, ILK plates, and photodosimeters. The composition of radiation was studied using a set of nuclear photoemulsions. Dose measurement and study of the composition of radiation was performed behind polyethylene shielding of varying thickness. In addition, some of the thermoluminescent dosimeters were located behind lead, tin, and cadmium filters.

Polyethylene shielding blocks were spherical, with wall thicknesses of 5, 10, and 15 cm. Sets of dosimeters and photoemulsions were placed inside the shielding blocks as well as outside of them at four different points inside the cabin of the satellite.

The experiments established that the average cosmic-radiation dose amounted to between 16 and 20 mrad/diem. It was found that the thickness of shielding and the filters did not have a significant effect on the size of the dose. The doses obtained are in general agreement with doses obtained earlier on the Vostok spaceships.

Card 2/3

L 08274-67

ACC NR: AT6036470

The consistency of the doses obtained during the 1961—1965 period can be explained by the fact that on the trajectories in question the magnetic field of the Earth shields practically all of the low-energy spectrum of galactic radiation. Consequently, the main part of the dose was composed of high-energy particles whose intensity does not depend on solar activity to any great degree. This fact also explains the small changes in dose behind various thicknesses of shielding/ W.A. No. 22; ATD

Report 66-1167

SUB CODE: 22,18,06 / SUBM DATE: 00May66

Card 3/3 vmb



USSR / General Problems of Pathology. Immunity.

U

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102399.

Author : Marennikova, S. S.; Akatova, E. M.

Inst : Moscow Scientific Research Institute of Vaccines  
and Sera.

Title : On the Problem of the Influence of Antibiotics  
on the Production of Antibodies in Animals (Prelim-  
inary Report).

Orig Pub: Tr. Mosk. n.-1. in-ta baktsin i syvorotok, 1957,  
9, 208-213.

Abstract: Rabbits were immunized subcutaneously and intra-  
venously with the virus of smallpox vaccine, which  
was adapted to chicken embryos. 10-30 min. before  
introduction, per 1 ml of smallpox vaccine, 250-  
1000 units of penicillin, and up to 1000 units of

Card 1/2

17

АКАТОВА Е.М.  
MARENNIKOVA, S.S., AKATOVA, E.M.

The hemagglutinating activity of the smallpox virus [with summary in English]. Biul.eksp.biol. i med. 45 no.4:88-91 Ap '58  
(MIRA 11:5)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok imeni I.I. Mechnikova (dir. A.P. Muzychenko).  
Predstavlena deystvitel'nym chlenom AMN SSSR L.D. Zil'berom.

(SMALLPOX, virus

hemagglutinating activity with blood from various animal species (Rus))

(HEMAGGLUTINATION,

activity of smallpox virus on blood from various animal species (Rus))

AKATOVA, E.M.

Resistance of smallpox virus. Vop.virus. 6 no.5:576-579 S-0 '61.  
(MIRA 15:1)

1. Institut vaktsin i syvorotok imeni I.I.Mechnikova, Moskva.  
(SMALLPOX)

MARENNIKOVA, S.S.; AKATOVA, E.M.

Study of biomyacin action in experimental smallpox infection.  
Vop.virus. 7 no.6:743 N-D '62. (MIRA 16:4)

1. Moskovskiy institut vaktsin i syvorotok imeni I.I.Mechnikov.  
(SMALLPOX) (AUREOMYCIN)



SVET-MOLDAVSKAYA, I.A.; AKATOVA, E.M.

Vaccinal immunity against smallpox. Vop. virus. 9 no.29131-135. Moscow  
1964. (MIRA 17122)

1. Moskovskiy nauchno-issledovatel'skiy Institut virusnykh preparatov.

ACC NR: AP6021594

(N)

SOURCE CODE: UR/0402/66/000/003/0375/0375

AUTHOR: Morogova, V. M.; Gil'dina, S. S.; Isupov, P. A.; Akatova, E. N.

ORG: Ufimsk Vaccine and Sera Institute (Ufa nauchno-issledovatel'skiy institut vaktsin i syvorotok)

TITLE: Experimental production of antirabies vaccine purified by freon 113

SOURCE: Voprosy virusologii, no. 3, 1966, 375

TOPIC TAGS: production method, vaccine, rabies, antirabies vaccine, purified vaccine, Freon 113

ABSTRACT:

The Ufa Vaccine and Sera Institute has announced a new method of obtaining high-purity rabies vaccine from a sheep-brain suspension using freon 113 to remove unwanted proteins while preserving the immunogenicity and stability of the purified vaccine.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1

AKATOVA, N.A.

Zooplankton of the Kolyma River and its basin. Uch.zap.Len.un.  
no.126:341-367 '49. (MLRA 9:6)

1.Kafedra gidrobiologii.  
(Kolyma Valley--Zooplankton)

