KAZHDAN, A. Ya., Engr.      and. Tech. Sci.

Dissertation:  "Ohmic Asymmetry of Steel Telephone Lines and Methods for Decreasing it." Moscow Inst of Communications Engineers, 27 Mar 47.

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

KAZHDAN, A. Ya.

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BABMASH, A.I., BEDNYAKOVA,
    A.B.; BENIN, G.S.; BERESNEVICH. V.V.; BERNSHTEYN, S.A.; BITYUTSKOV,
    V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.;
    BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,
    [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;
    GOLDOVSKIY,Ye.M.; GORBUNOV, P.P.; GORYAINOV, F.A.; GRINBERG, B.G.;
    GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M.,[deceased];
    DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S.,
    [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.;
    ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,
    S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.;
    KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV,
    I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;
    LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu; LUTTSAU, V.K.;
    MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;
    NYDEL'MAN, G.K.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;
    POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG,
    G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.;
    RUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu,
    STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;
    FEDOROV, A.V.; FERE, N.K.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN,
    M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.;
    SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHFRINK, B.E.;
    SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; ERVAYS, A.V.;
                                (Continued on next card)

ANDREYEV, A.B. (continued) .... Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-
GEYM,B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor;
BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L.,
retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV,
A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor;
DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent;
redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M.
retsenzent, redaktor;ZHEMOCHKIN, D.N., retsenzent, redaktor:
SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent,
redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M.,
retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor;
MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor;
METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent;
redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A.,
retsenzent, redaktor; PANYUKOV, N.P.,retsenzent, redaktor; PLAKSIN,
I.N., retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor;
RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent;
redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G.,
retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent,
redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B.,
retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor;
SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent,
redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye.,
retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor;
(Continued on next card)

ANDREYEV, A.V.,(continued) .... Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTO-PAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor;PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor;BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) .... Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii
slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
    (Technology--Dictionaries)

KAZHDAN, A.Ya.; ZAKHAROVA, N.V.; SHVARTSMAN, V.O., otvetstvennyy redaktor; ANDREYENKO, Z.D., redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor

[Telephone cables with nonmetallic casing] Kabeli GTS s nemetalli-cheskimi obolochkami. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1956. 41 p. (MLRA 9:7)
(Telephone cables)

KAZHDAN, A.Ya., kand.tekhn.nauk; LAKERNIK, R.M., kand.tekhn.nauk

Drying of communication wire with water resistant insulation.
Vest.elektroprom. 33 no.6:20-24 Je '62.              (MIRA 15:7)
        (Electric wire, Insulated—Drying)

BURKEYEV, Sergey Ivanovich, inzh. [deceased]; KAZHDAN, Boris Khaymovich,
inzh.; OTRESHKO, A.I., prof., doktor tekhn. nauk, retsenzent;
IVYANSKIY, A.M., dots., kand. tekhn. nauk, retsenzent; TUMARKIN,
D.M., inzh., nauchnyy red.; GLOTOVA, L.V., red. izd-va; SHERSTNEVA,
N.V., tekhn. red.

[Examples and exercises in the design of structural elements] Pri-
mery i uprazhneniie po raschetu stroitel'nykh konstruktsii. Mo-
skva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam,
1961.  181 p.                                            (MIRA 14:10)
                (Structures, Theory of)

KAZHDAN,B.L., inzhener

Supporting structures for suspended scaffolding.  Stroi.prom.
33 no.7:10-12 Jl '55.     ··                    (MIRA 8:9)
                    (Scaffolding)

16.4500

AUTHORS:     Gel'fand, S. I; Kazhdan, D. A.

TITLE:       An integral equation connected with a pulse motion
             along a circle

PERIODICAL:  Akademiya nauk SSSR. Doklady, v. 141, no. 3, 1961,
             527 - 530

TEXT:        Considered is the transmission of an impulse on a circle. The velocity of the impulse depends on the state of the concerning circle point, this state being characterised by the time $\tau$ which has passed since the last transit of the impulse through the circle point. It is

$$v = o(\tau) \tag{1}$$

$o(\tau)$ being a given continuous monotone increasing function. The authors show that in case $\tau$ is arbitrarily given on the circle, and one or more impulses are brought into circulation on the circle, then the velocity of these impulses will converge to a common constant which does not depend on the initial state of the circle, and the impulses will after a time get into order in equal distances from each other. The proof is given for the case of one impulse under the supposition
Card 1/3

An integral equation connected with...

that the circle possesses the length 1, and is unrolled such that to every circulation of the impulse there corresponds an interval of length 1 of the straight line. If x is the space coordinate of the impulse on this straight line, and $t(x)$ is the time from the beginning of the motion till its passing through the point x, then:

$$\tau(x) = t(x) - t(x - 1), \text{ and } v = o[\tau(x)].$$

First of all it is proved that for $x \geqslant 1$ the function $\tau(x)$ satisfies the following integral equation:

$$\int_{x-1}^{x} \frac{dy}{o[\tau(y)]} = \tau(x). \tag{2}$$

Adjoining it is proved:

Theorem:     Let $\tau(x)$ be the solution of (2). Then $\tau(x)$ converges for $x \to \infty$ to a finite limit. At last it is shown that this limit is unique and independent of the function $\tau(x)$, given on $0 \leqslant x < 1$. (i. e: on the initial state).
In the case of more impulses the functions $\tau_j(x) = t_j(x) - t_{j-1}(x)$,
Card 2/3

30724

An integral equation connected with...     S/020/61/141/003/001/021
                                            C111/C444

j - 1, 2,...,k  are introduced which for x ⩾ 1 satisfy the system

$$\tau_1(x) + \tau_2(x) + \ldots + \tau_k(x) = \int_{x-1}^{x} \frac{dy}{c[\tau_k(y)]} ,$$

.................................................    (6)

$$\tau_1(x) + \tau_2(x-1) + \ldots + \tau_k(x-1) = \int_{x-1}^{x} \frac{dy}{c[\tau_1(y)]} .$$

There is one Soviet-bloc reference.

PRESENTED:    June 19, 1961, by I. G. Petrovskiy, Academician

SUBMITTED:    June 7, 1961

Card 3/3

KAZHDAN, Emmanuil Mikhaylovich

Calculating voltage fluctuation in the operation of synchronous
motors of rolling mills.  Izv.vys.ucheb.zav.; elektro-mekh.
3  no.1:135-138  '60.                    (MIRA 13:5)

1. Glavnyy spetsialist Rostovskogo otdeleniya Tyazhpromelektro-
proyekta.
              (Electric motors, Synchronous)
           (Rolling mills--Electric driving)

KAZ⹁DAN, EMMANUIL MIKHAYLOVICH

Criterion for the efficiency of an industrial power distribution
system.  Izv. vys. ucheb. zav.; elektromekh. 4 no.5:73-78 '61.
(MIRA 14:7)
1.  Glavnyy inzhener Rostovskogo otdeleniya gosudarstvennogo
proyektnogo instituta "Tyazhpromelektroproyekht."
                    (Electric power distribution)

KAZHDAN, G.

How we analyze the economic and financial operation of trade organizations. Den. i kred. 16 no.1:47-49 Ja '58.                    (MIRA 11:3)
(Leningrad--Commerce)   (Banks and banking)

KAZHDAN, G.Ya.   (Eng.)

To strengthen & develop the creative cooperation among the scientific and production workers

Vest Mash, p.5, Sep. 1951

KAZHDAN, G.Ya.

Bubble washing of steam in high-pressure boilers. Biul. tekh.-ekon.
inform. no.1:39-41 '57.                                          (MIRA 11:4)

(Boilers)

BING, R.G.; KAZARINOV, N.D. (Madison, Wiskonsin, SShA); KAZHDAN, I.A., (studentka 4-go kursa); MAS'KO, S.S.(studentka 4-go kursa); DORFMAN, A.G. (Gor'kiy); KUZHEL', A.V. (Uman'); SKOPETS, Z.A. (Yaroslavl'); TELESIN, Yu.Z. (Moskva)

Brief notes. Mat.pros. no.6:205-216 '61.                    (MIRA 15:3)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina (for Kazhdan, Mas'ko).
                    (Mathematics--Problems, exercizes, etc.)

ANDREOLETTI Vol'demar Konstantinovich; ANISIMOV, Grigoriy Lukich;
KAZHDAN, Iosif Genrikhovich; FOMICHEV, A.G., red. izd-va;
GVIRTS, V.L., tekhn. red.

[Overall mechanization of electric wiring work at the
construction site]Kompleksnaia mekhanizatsiia elektromontazh-
nykh rabot na stroitel'noi ploshchadke. Pod obshchei red.
N.A.Smirnova. Leningrad, Leningr. dom nauchno-tekhn. propa-
gandy, 1961. 34 p. (Bibliotechka stroitelia po kompleksrɔi
mekhanizatsii i avtomatizatsii stroitel'stva, no.13)

(MIRA 15:8)

(Electric wiring)

KAZHDAN, I. M.

KAZHDAN, I. M., Inzh. i, SURIN, S. P., Kand. Tekhn. Nauk., ZAPOL'NOV, D. P.,
Mekhank.

Peningradskoye Otdeleniye Vsesoyusnogo Nauchno-Issledovatel'skogo Instituta
Ministerstva Stroitel'Stva Predpriyatiy Mashinostroyeniya

Abtomaticheski Deystvuyushchiy Pribov dlya Udaleniya Vozdukha  IZ Sistem
Tsentral'nogo vodyanogo Otopleniya                              Page 49
SO:  Collection of Annotations of Scientific Research Work on Construction, completed

in 1950.  Moscow, 1951

KAZHDAN, M.G.

Supplying Odessa with gas. Gaz. prom. no.5:29 My '58. (MIRA 11:5)
(Odessa--Gas distribution)

BERESTNEVA, Z. Ya.; KALASHNIKOVA, V. G.; KAZHDAN, M. V.; KARGIN, V. A.

"Electronmicroscopic study of structure in rubbers."

report submitted to 3rd European Regional Conf, Electron Microscopy,
Prague, 26 Aug-3 Sep 64.

ACCESSION NR: AP4037286

S/0190/64/006/005/0906/0909

AUTHOR: Kalashnikova, V. G.; Kazhdan, M. V.; Berestneva, Z. Ya.; Kargin, V. A.

TITLE: Electron microscopic study of the structure of rubbers. II

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 5, 1964, 906-909, and inserts between p. 906 and 907

TOPIC TAGS: natural rubber, sodium butadiene rubber, butadiene styrene rubber, polychloroprene rubber, stereoregular isoprene rubber, stereoregular butadiene rubber, rubber structure, ribbon rubber structure, fibril rubber structure, spherulite rubber structure, spiral rubber structure, rubber elasticity, rubber failure, rubber structure formation

ABSTRACT: The structure of and structure formation in rubbers have been studied by means of the electron microscope. Experiments were conducted with natural, sodium butadiene (SKB), butadiene-styrene (SKS), polychloroprene (Nairit A; neoprenes AS and N), and stereoregular isoprene (SKT) and butadiene (SKD) rubbers. It

Card 1/2

L 12408-65    EWT(m)/EPF(c)/EWP(j)    Pc-4/Pr-4    AFFTR    RM

ACCESSION NR: AP4047328                    S/0020/64/158/004/0939/0941

AUTHOR: Kalashnikova, V. G.; Kazhdan, M. V.; Berstneva, Z. Ya.;
Kargin, V. A. (Academician)

TITLE: Electron-microscope investigation of structural changes occurring in the
thermal vulcanization of chloroprene rubbers

SOURCE: AN SSSR. Doklady*, v. 158, no. 4, 1964, 939-941, and insert facing
p. 940

TOPIC TAGS: chloroprene rubber, rubber,
structure, vulcanization, crystalline structure                    rubber crystalline

ABSTRACT: A study has been made of ordering in vulcanizates. Nairit A and Neo-
prene AS chloroprene rubbers were used. Thermal vulcanization of thin rubber
films was conducted in vacuum or in air at 153C for 5—60 min. Electron-micro-
scope investigation showed that thermal vulcanization destroyed the initial crys-
talline structure of chloroprene rubbers. The rate of subsequent structure
formation decreased with increasing vulcanization time. In vacuum, capacity for
subsequent polymerization was much less marked than in air. An optimum vulcaniza-
tion time existed at which crystallization proceeded considerably faster than in

Card 1/2

L 12408-65
ACCESSION NR:  AP4047328

the initial sample and resulted in more perfect structures.  In this case cross-
links were formed every 400 atoms, on the average.  The occurrence of crystalliza-
tion is interpreted in terms of nonuniform cross-link distribution in the bulk
of the polymer.  Orig. art. has:  4 figures.

ASSOCIATION:  Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical
Institute)

SUBMITTED:  16Jun64          ATD PRESS:  3123

SUB CODE:  GC, MT                                           ENCL:  00
                             NO REF SOV:  003
                                                           OTHER:  001

Card  2/2

L  24494-66    EWT(m)/EWP(j)    IJP(c)    RM

ACC NR:  AP6006972

SOURCE CODE:  UR/0190/66/008/002/0204/0206

AUTHORS:  Kazhdan, M. V.; Dyumayeva, T. N.; Berestneva, Z. Ya.; Kargin, V. A.

ORG:  Physico-Chemical Institute im. L. Ya. Karpov (Fiziko-khimicheskiy institut)

TITLE:  Investigation of the structure-formation processes occurring during rubber breakdown

SOURCE:  Vysokomolekulyarnyye soyedineniya, v. 8, no. 2, 1966, 204-206

TOPIC TAGS:  vulcanization, rubber, molecular structure, electron microscope, UEMB-100 electron microscope, GYeM-5U electron microscope

ABSTRACT:  Structure-formation processes occurring during the breakdown of vulcanizers of noncrystallizing sodium butadiene rubbers and of crystallizing neoprenes AC and W were investigated by electron microscopy using instruments UEMB-100 and GYeM-5 U. It was established that new orientation processes take place in disintegrated vulcanizers, leading to supramolecular structures different from those in the original rubber. The rate of structure-formation processes in disintegrated rubbers is inversely proportional to the density of the vulcanization network. The experimental data indicate that, from the structural point of view, vulcanization is a heterogeneous process. Orig. art. has: 6 figures.

SUB CODE:  07, 11/  SUBM DATE:  05Feb65/  ORIG REF:  002

Card 1/1

UDC:  678.01:53+678.43

KALASHNIKOVA, V.G.; KAZHDAN, M.V.; BERESTNEVA, Z.Ya.; KARGIN, V.A., akademik

Electron microscope study of structural changes taking place during the thermal vulcanization of chloroprene rubbers. Dokl. AN SSSR 158 no.4:939-941 O '64.

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova. (MIRA 17:11)

SVYATEN'KIY, N.N.; KAZHDAN, O.M.

Communication workers of the Far Eastern railroad. Avtom.,
telem. i sviaz' 5 no.6:29-31 Je '61.
(MIRA 14:9)

1. Nachal'nik sluzhby signalizatsii i svyazi Dal'nevostochnoy
dorogi (for Svyaten'kiy). 2. Glavnyy inzh. sluzhby signali-
zatsii i svyazi Dal'nevostochnoy dorogi (for Kazhdan).
(Soviet Far East—Railroads—Employees)

KAZHDAN, P.F.

SOV/5055

PHASE I BOOK EXPLOITATION

Vsesoyuznaya konferentsiya po treniyu i iznosu v mashinakh. 3d. 1958.

Gidrodinamicheskaya teoriya smazki. Opory skol'zheniya. Smazka i smazochnyye materialy (Hydrodynamic Theory of Lubrication. Slip Bearings. Lubrication and Lubricant Materials) Moscow, Izd-vo AN SSSR. 422 p. Errata slip inserted. 3,800 copies printed. (Series: Its: Trudy, v. 3)

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Resp. Ed. for the Section "Hydrodynamic Theory of Lubrication and Slip Bearings": Ye. M. Gut'yar, Professor, Doctor of Technical Sciences; and A. K. D'yachkov, Professor, Doctor of Technical Sciences; Resp. Ed. for the Section "Lubrication and Lubricant Materials": G. V. Vinogradov, Professor, Doctor of Chemical Sciences; Ed. of Publishing House: M. Ya. Klebanov; Tech. Ed.: O. M. Gus'kova.

PURPOSE: This collection of articles is intended for practicing engineers and research scientists.

COVERAGE: The collection, published by the Institut mashino-vedeniya AN SSSR (Institute of Science of Machines, Academy of Sciences USSR) contains papers presented at the III Vsesoyuznaya konferentsiya po treniyu i iznosu v mashinakh (Third All-Union Conference on Friction and Wear in Machines) which was held April 9-15, 1958. Problems discussed were in

Hydrodynamic Theory (Cont.)                                    SOV/5055

15'6000

11.9000

29446
S/081/61/000/017/148/166
B117/B138

AUTHORS:     Velikovskiy, D. S., Kazhdan, P. I., Bondarevskiy, G. D.

TITLE:       Viscosity properties of mixtures of oils of different
             chemical nature and of lubricating greases produced by
             thickening them

PERIODICAL:  Referativnyy zhurnal. Khimiya, no. 17, 1961, 472, abstract
             17M222 (Tr. 3-y Vses. konferentsii po treniyu i iznosu v
             mashinakh. M., AN SSSR, v. 3, 1960, 248 - 255)

TEXT:  The authors found that it was not possible to calculate the
viscosity (v) of mixtures of oils of different nature (naphtha, silicone,
ester) from an equation which is well suited for oils of equal chemical
composition: $\log \log(v + 0.8) = a \log \log(v_1 + 0.8) + b \log \log(v_2 + 0.8)$.
Here, $v$, $v_1$, and $v_2$ = kinematic viscosities of the mixture and of the two
components, a and b = weight concentrations of the components. The
viscosity of mixtures of oils of different chemical nature always comes
lower than when calculated by the equation. Deviations decrease in the
Card 1/3

Viscosity properties of mixtures of...

29446
S/081/61/000/017/148/166
B117/B138

order of mixtures: polysiloxanes with naphtha oils, polysiloxanes with
diesters, and naphtha oils with diesters. For polysiloxanes with naphtha
oils or diesters, the maximum deviation (decrease) from the calculated
v-value occurs when there is 50 - 60% polysiloxane content in the mixture.
In several cases, v of the mixtures is lower than that of the less viscous
component. Thus, v of a mixture with 80% polysiloxane oil 4 (108 cst)
and 20% diester (3190 cst) was 760 cst at -50°C. At low temperatures,
v of the mixture is reduced considerably, which improves the viscosity
and temperature characteristics. The effective viscosity ($\eta_{eff}$) of
plastic lubricants (measured on a ПВР-1 (PVR-1) rotation viscosimeter),
produced by thickening of naphtha- and silicone oils with lithium stearate
and their mixtures, is proportional to the viscosity of their dispersion
media. As a result, $\eta_{eff}$ of lubricants produced from equally viscous
naphtha- and silicone oil mixtures proves to be lower than the viscosity
of lubricants made of the initial oils. Decrease in the viscosity of the
oils causes a decrease in relative viscosity $\eta_{eff}/v$ and an increase in
the $\eta_{eff}$ ratio measured with different gradients of the shear rate of
Card 2/3

S/081/62/000/001/061/067
B162/B101

AUTHOR:        Kazhdan, P. I.

TITLE:         Methods of evaluating the viscosity-temperature properties of lubricating oils

PERIODICAL:    Referativnyy zhurnal. Khimiya, no. 1, 1962, 449, abstract 1M185 (Tr. Mosk. in-t neftekhim. i gaz. prom-sti, no. 32, 1960, 130 - 140)

TEXT:  Certain difficulties have been encountered in introducing the method proposed by the author (P. N. Kazhdan, "Neftyanoye khoz-vo", no. 40, 1952) for evaluating the viscosity-temperature properties of lubricating oils from the magnitude of the temperature range $\Delta t$ in which the viscosity (V) of the oil varies from one given quantity to another. Although this method is, in the author's opinion, more objective than the methods in use, determination of the temperature at which the oil has a given viscosity, entails difficulties; moreover, the method is not very sensitive. The author proposes to replace the parameter $\Delta t$ by the amount of increase in viscosity ($\Delta V$) within a given temperature range, e. g. 50°C, but

Card 1/2

Methods of evaluating the...              S/081/62/000/001/061/067
                                          B162/B101

starting from a temperature giving the same initial viscosity, e. g. 10 centistokes. For this it is necessary merely to determine the temperature value for a given viscosity at one point; this is easily done by means of the proposed nomogram. This substitution, while retaining the advantages of the new method, eliminates the difficulties in its use and makes it highly sensitive. [Abstracter's note: Complete translation.]

Card 2/2

KAZHDAN, R.M.; SHEKHTER, F.N.

Some results of calculating radiative temperature variations in the boundary layer of the atmosphere. Trudy GGO no.127:26-34 '62.

(Atmospheric temperature)                    (MIRA 15:7)

43065

S/531/62/000/127/001/007
1053/1242

AUTHORS:    Kazhdan, R. M., Shokhter, F. N.

TITLE:    Some results of computation of the radiation changes of temperature in the boundary layer of the atmosphere

SOURCE:    Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy. no. 127. 1962. Fizika prizemnogo sloya vozdukha, 26-34

TEXT:    The role of thermal exchange for radiation in transient processes has been studied by examining the following temperature strata:    a) N profile - the linear decrease of temperature with a $-0.6°C/100$ m gradient, from the ground ($T_o = 11.9°C$) up to 12 km over the isotherm;    b) profile 1 - the logarithmic decrease of temperature up to 50 m ($T(z) = 17° - 0.71 \log 10^6 z$);    c) profile 4 - the inversion from the ground ($T_o = 3°C$) up to 10 m ($T = 12.1°C$);    d) profile M - the inversion from the ground ($T_o = 12.3°C$) up to 400 m. The following results were obtained:    1) for a linear decrease of temperature with altitude, the values of the derivatives of radiative air flux in the lower 5-10 m are nearly constant;    2) the

Card 1/2

S/531/62/000/127/001/003
I053/I242

Some results of computation...

existence of a large temperature gradient near the ground ($T_0$ = 17°C; $T_{1cm}$ = 14.2°C) considerably increases the values of flows in the air layer adjacent to the ground; 3) the presence of an inversion in the proximity of the ground leads to important heating near the earth's surface; 4) the presence of superadiabatic gradients of the temperature determines the cooling of the air adjacent to the ground and the heating of higher layers; 5) the absolute value of the derivative $\frac{dA}{dm}$ (A - the flux of a long-wave radiation and m - the effective absorbing mass,) of air flows increases with temperature; 6) the value $\frac{dF}{dm}$ (F - the resulting radiative flux at height z) is greater in the four stratification at 2 km than at 1 km. There are 3 figures and 1 table.

Card 2/2

KAZHDAN, R.M.; KIRILLOVA, T.V.; PREOBRAZHENSKIY, L.Yu.

Result of observations on the radiation balance in the coastal
region of the Black Sea.  Trudy GGO no.150:125-132  '64.

(MIRA 17:7)

ZLOTIN, Vladimir Isaakovich; KAZHDAN, Shimon Mordukhovich; TUNKEL',
Naum Ruvimovich; SHELESHKOV, Konstantin Konstantinovich.
Prinimali uchastiye: GRIBANOV, A.F.; OL'KHOV, V.I.;
POTAPOV, M.G., kand. tekhn. nauk, retsenzent; NURMUKHAMEDOVA,
V.F., red. izd-va; OVSEYENKO, V.G., tekhn. red.

[Electric locomotive and dump car haulage in open pits] Elektrovozo-
dumpkarnoe khoziaistvo na kar'erakh.   Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1962.   309 p.        (MIRA 15:5)
    (Mine railroads)             (Strip mining)

KAZHDAN, V.

Let's find new articles for export. Vnesh. torg. 41 no.3:33-35
'61.

(MIRA.14:2)

1. Zamestitel' nachal'nika otdela tovarooborota Gosplana Litovskoy
SSR.

(Lithuania—Commerce)

OSIPYAN, V.T.; KAZHDAN, V.B.; DUNAYEVA, I.D.

Butadione, an effective agent for the control of body lice. Zhur.
mikrobiol. epid. i immun. 31 no.7:18-22 Jl '60.             (MIRA 13:9)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii im.Kirova.
   (PYRAZOLIDINEDIONE)              (LICE)

GRABOVSKIY, B.S.; KAZHDAN, V.B.

Concerning A.A. Potapov's article "On the method of testing new repellents." Med. paraz. i paraz. bol. 34 no. 5:604-606 S-O '65
(MIRA 19:1)

1. Voyenno-meditsin:kaya ordena Lenina akademiya imeni Kirova, Ieningrad. Submitted April 27, 1965.

OSIPYAN, V.T.; STEPANOV, M.K.; GRABOVSKIY, B.S.; SMIRNOV,K.K.; KAZHDAN,
V.B.; MASLIY, L.K.; DUNAYEVA, I.D.

Comparative effectiveness of hexamethylenebenzamide and acetyl-
tetrahydroquinoline as protective agents against fleas in humans.
Med. paraz. i paraz. bol. 32 no.5:551-553 S-O'63         (MIRA 16:12)

1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.
Kirova.

OSIPYAN, V.T., polkovnik meditsinskoy sluzhby, kand,med.nauk; KAZHDAN, V.B.,
mayor meditsinskoy sluzhby, kand.med.nauk

Use of aerosols of DDT for control of rat fleas in living areas.
Voen.-med. zhur. no.8:52-55 Ag '61.
          (DDT (INSECTICIDE))          (MIRA 15:2)
                              (FLEAS--EXTERMINATION)

OSIPYAN, V. T.; GRABOVSKIY, B. S.; KAZHDAN, V. B.; DUNAYEVA, I. D.

Method of laboratory selection of repellent preparations and
evaluation of their activity in relation to fleas. Med. paraz.
i paraz. bol. no.6:734-737 '61.
                              (MIRA 15:6)
1. Iz Voyenno-meditsinskoy ordena Lenina akademii imeni S. M.
Kirova.

          (INSECT BAITS AND REPELLENTS)    (FLEAS)

KAZHDAN. V. I.

Rabbits

Female sex hormone in the blood of rabbits. Dokl. AN SSSR, 86. No. 1, 1952.

A H Z H D H N

USSR/General Problems of Pathology - Tumors.

| | | |
|---|---|---|
| Abs Jour | : | Referat Zhur - Biologiya, No 16, 1957, 71469 |
| Author | : | Eskin, I.A., Kazhdan, V.I., Svyatukhina, O.V. |
| Inst | : | |
| Title | : | Estriol, Estrone and Estradiol in the Blood of Healthy Women and Those with Breast Cancer and Mastopathy. |
| Orig Pub | : | Probl. Endokrin. i Gormonoterpii, 1955, 1, No 6, 80-83 |
| Abstract | : | The content of estrogens (estriol fraction, estrone and estrodiol) in the blood of healthy women increased in the middle of the menstrual cycle;  in breast cancer and mastopathy there was no increase. |

S-4

1. Iz otdela eksperimental'noy biologii (zav. - prof.I.A.Eskin)
Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. -
prof.Ye.A.Vasyukova) i Gosudarstvennogo onkologicheskogo insti-
tuta imeni P.A.Gertsena (dir. - prof.A.N.Novikov).

Card 1/1

- 37 -

*KHZHDAN, V. I.*

USSR/General Problems of Pathology - Tumors.

S-4

Abs Jour  :  Referat Zhur - Biologiya, No 16, 1957, 71468

Author    :  Eskin, I.A., Kazhdan, V.I., Svyatudhina, O.V.
Inst      :
Title     :  17- Ketosteroids and Pregnandiol in the Urine of Healthy
             Women, and in Breast Cancer and Mastopathy.

Orig Pub  :  Probl. Endikrin. i Gormonoterapii, 1956, 2, No 5, 57-60

Abstract  :  Determinations of pregnandiol (I) and 17-ketosteroids
             (II) was done on 36 healthy women, 34 with milk gland
             cancer (MGC), and 28 with mastopathy in the age group
             20-50, on the 1-st, second, and 16-18th day after the
             beginning of menstruation.  In healthy women on the onset
             of menstrual cycle I was found only in 13 (36.2%);
             in the middle of the cycle I was found in 80.8% and the
             average excretion was 4 mg.  In MGC patients in the be-
             ginning of the cycle the average I found was 2.2 mg,
             in 45.2%;  in the middle 5 mg (in 82.2%).  The _ _ _

Card 1/2

- 35 -

KAZHDAN, YA. M.    Cand. Physicomath Sci.

Dissertation: "Continuous Mapping that Increases Dimensionality."  Moscow Order of Lenin State U. i.eni M. V. Lomonosov,    11 Jun. 1947.

SO: Vechernyaya Moskva, Jun. 1947  (Project #17836)

KAZHDAN, Ya. M.

mapping of a one-
... SSSR ... on a square
... described topo-

... Reviews, 1948, Vol 9, No. 3

L. Zippin (Flushing, N. Y.)

Každan, Ya. M. On continuous mappings which increase dimension. Doklady Akad. Nauk SSSR (N.S.) 67 (1949). (Russian)

With definitions of order and multiplicity as in the preceding review, one has the following results. (1) Let a continuous mapping of an $F$-space $X$ (i.e., a space representable as the sum of a countable number of compacta) onto a space $Y$. Let dim $Y - \dim X = n$. If the inverse of $f^{-1}(y)$ of every point $y \in Y$ whose multiplicity is not less than contains at least $n$ isolated points of the set $f^{-1}(y)$ in the space $Y$, there exists at least one point $y$ whose order is at least $n+1$. A space $X$ is said to have property every nowhere-dense subset of $X$ is of lower dimen. (2) Let $X$ be an $F$-space with property $\alpha$, $f$ a continu. mapping of $X$ on $Y$, and dim $Y \leq \dim X = n$. if then always at least $n+1$ isolated point $m$ $f^{-1}(y)$ for every for which $\mu(y) \geq n+1$, then there is at least one point whose order is at least $n+2$. If $f$ is a continuous map zero-dimensional $X$ on the $n$-dimensional cube $I_n$ there must exist in $I_n$ at least one point of order at $n+1$. (4) If $f$ is continuous on the $n$-dimension. pactum $X$ to the $n$-dimensional cube $I_n$, and if $n$ is on curve $\alpha$, then there is at least one point in $I_n$ of orde. least $n-1$. (5) Let every point $x$ of the compactum $X$ have a countable Urysohn index, and let $f$ be a continu. map of $L$ on the $n$-dimensional cube $I_n$. Then there point whose order is at least $n$. All of these theorems are proved.

L. Zippin (Flushing, N. Y.)

KAZHDAN, Ya.M.

*KAZHDAN, Ya. M.*

USSR / Acoustics, Sound Vibrations and Waves

J-2

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 12670

Author : Zhukov, A.I., Kazhdan, Ya.M.

Inst : Mathematics Institute, Academy of Sciences, USSR, Moscow

Title : Motion of Gas Under the Influence of a Short-Duration Pulse.

Orig Pub : Akust. zh., 1956, 2, No 4, 352-357

Abstract : A further refinement is made of the discussion concerning the integration of self-similar equations in the problem of shock in cold gas. Results of calculations are given concerning the motion of gas under the influence of a short-duration fi-nite pulse, illustrating the character of the departure of the motion from the self-similar mode.

Card : 1/1

L 13000-63.          EPA(b)/BDS/T-2    AFFTC/ASD    Pd-4
ACCESSION NR: AP3001416                    8/0042/63/018/002/0003/0023

AUTHOR: Brushlinskiy, K. V.; Kazhdan, Ya. M.                    59
                                                               57

TITLE: Auto-model solutions of problems in gas dynamics

SOURCE: Uspekhi matematicheskikh nauk, v. 18, no. 2, 1963, 3-23

TOPIC TAGS: auto-model, differential equation, gas dynamics, dilation group, in-
variance

ABSTRACT: For solving problems of mathematical physics the method of similarity is
often used. It is analogous to Fourier's method which is based on invariance of the
problem with respect to a group of displacements in time. The method investigated
here is usable in problems which are invariant with respect to some group of dila-
tions of all the variables in it, i.e. in auto-model problems. This facilitates
solution by reducing it to that of finding the representors of the unknown func-
tions. These latter depend on the smallest number of so-called auto-model vari-
ables. In the case of one space variable these latter are the solutions of ordi-
nary differential equations, i.e. dimensionality is reduced. An example of equa-
tions of gas dynamics for a spherical symmetrical problem is given (Enclosure 1).
Concerning the exponent k of auto-modelness, in a wide class of problems it is
determined by the very statement of the problem. This work deals with auto-model

Card  1/3

L 13000-63
ACCESSION NR: AP3001416

2

problems in whose statement the similarity group cannot be given first, but which
is determined only in the process of solving the problem. The finding of the expo-
nent of auto-modelness in these cases poses a basic difficulty. It leads to an
interesting question in the area of ordinary differential equations--of finding the
value of the parameter for which the integral curve of the equation containing this
parameter joins two fixed points and in a given manner goes through a given singular
point. Sometimes this determination is non-unique. This is similar to the eigen-
function method of Fourier, although this problem is non-linear. This work is a
survey of results of this method on two one-dimensional problems treated similarly:
1) on a whipping empty spherical cavity, and 2) on convergence of a shock wave to
the center of a continuous medium. "The author is deeply grateful to I. M. Gel'fand
and K. A. Semendyayev for so much assistance with this article and their very valu-
able advice." Orig. art. has: 10 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 23Mar62            DATE ACQ: 27May63          ENCL: 01

SUB CODE: 00                  NO REF SOV: 003            OTHER: 002


Card 2/2

L 02447-67   EWT(1)/FSS-2    TT/GW

ACC NR: AP6028791                         SOURCE CODE: UR/0033/66/043/004/0761/0771

AUTHOR: Bisnovatyy-Kogan, G. S.; Kazhdan, Ya. M.

ORG: none

TITLE: Critical stellar parameters

SOURCE: Astronomicheskiy zhurnal, v. 43, no. 4, 1966, 761-771

TOPIC TAGS: star, stellar parameter, star stability, isoentrope, STELLAR EVOLUTION, ASTRO PHYSICS

ABSTRACT: The points of loss of stability of stars, which have exhausted their nuclear fuel, have been computed by the approximate energy method for masses in the range M = 5M. — 1000M.. Stars with a constant entropy per unit mass were considered. Mass distribution according to Emden's polytrope with the index n = 3 was assumed. Similar computations for n = 1.5 showed that the difference in $S_{crit}$ and the central $T_{crit}$ and $\rho_{crit}$ does not exceed 10%. The isoentropes were calculated for the ranges of temperature $1 < T_9 < 20°$ and density $1 < \rho < 10^5$ At lower temperatures or densities the P, E, $C_v$, $C_p/C_v$ and $\gamma$ functions were computed along the isoentropes. The critical points were computed with allowance for small effects of the general theory of relativity. Orig. art. has: 18 formulas, 8 figures, and 3 tables.   [CS]

SUB CODE: 03/ SUBM DATE: 17Dec65/ ORIG REF: 010/ OTH REF: 008

Card    1/1 gd                          UDC: 523.877

1. KAZHDAN, Ye. M.,Eng: SHCHEGOL'KOV, Z.N.,Eng.: ROZANOV, S.P., Prof.:
   GEYLER, L. B., Dr.

2. USSR (600)

4. Kniazevskii, B. A.

7. "Electric power supply of industrial enterprises."
   A. A. Fedorov, B. A. Knyazevskiy. Reviewed by Engr. Ye. M. Kazhdan,
   Z. N. Shchegol'kov, Prof. S. P. Rozanov, Dr. L. B. Geyler. Elektrichestvo
   No. 10, 1952.

9. <u>Monthly List of Russian Accessions</u>, Library of Congress, _____January_____ 1953. Unclassified.

KAZHDAN, Ye.Yu.

GRINBAUM, F.T.; KHRAMOVA, N.I.; EPPEL', S.A.; KAZHDAN, Ye.Yu.

Variability of microbes and diagnosis of infections; atypical dysentery microbes. Zhur.mikrobiol.epid.i immun. no.12:11-14 D '53. (MLRA 7:1)

1. Iz Gor'kovskogo instituta vaktsin i syvorotok (direktor A.N.Meshalova) i laboratorii Kanavinskoy rayonnoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach Z.A.Slesareva).
(Microorganisms) (Dysentery)

A non-typical dysentery strain (I) which fermented carbohydrates with formation of acid and gas and could be agglutinated by Flexner bacilli serum was isolated from a convalescent. Passage through mice converted I into typical Flexner bacilli. The antiserum agglutinating I also agglutinated non-typical cultures isolated from other convalescents.            274T35

STRULEV, M.S.; KHODZHEV, P.M.; KAZHDAN, Z.A.; SMAGORINSKIY, B.S.,
    red.; BURYANOV, N.S., tekhn. red.

[Volzhskiy, a city of hydraulic engineers] Volzhskii - gorod
gidrostroitelei. Stalingrad, Stalingradskoe knizhnoe izd-vo,
1961. 40 p.                                  (MIRA 15:4)
                    (Volzhskiy—Description)
(Volga Hydroelectric Power Station(22d Congress of the CPSU))

KAZHDAN, Z.A.; KUZIN, V.N.

       The Stalingrad Reservoi . Uch. sap. ▬▬ gos. ped. inst.
       no.10:19-34 '59.                (MIRA 14:11)
                (Volgograd Reservoir)

KAZHDAN, Z.N.

Convergence of series in functions of the type $\wp(nx)$. Uch.
zap.Mosk.un. no.163:99-122 '52.                    (MIRA 8:5)
(Series) (Functions, Orthogonal)

KAZHDAN, T. M.

"Convergence of Series of the Form Alphan Psi (m)."  Sub 13 Jun 51, Sci Res Inst of Mechanics and Mathematics, Moscow Order of Lenin State " imeni M. V. Lomonosov.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO:  Sum. No. 480, 9 May 55

KASTEN, V. A.

KASTEN, V. A.- "Origin and Medico-Legal Significance of Parchment Spots on the Skin of a Corpse." Min of Public Health RSFSR, Leningrad Sanitary-Hygienic Med Inst, Leningrad, 1957 (Dissertation for Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 27, June 1957, Moscow

KAZHEV, V.A.

Determining the date of death of skeletized cadavers under
conditions of a hot climate. Med. zhur. Uzb. no.7:71-72
Jl '63.                                         (MIRA 17:2)

1. Iz kafedry sudebnoy meditsiny Andizhanskogo meditsinskogo
instituta.

NAIKOVA, L. M.

Abs Jour  : Ref Zhur-Biol., No 8, 1958, 34934

Author    : Kazhevnikova L. M.
Inst      :
Title     : Spring Irradiation of Spring Wheat Seeds Against
            Smut. (Vesenneye oblucheniye semyan yarovoy
            pshenitsy protiv pyl'noy golovni).

Orig Pub  : Byul. Nauchno-tekhn. inform n-i, in-ta s. kh.
            TsChP, 1956, No 1, 43-44

Abstract  : Experiments in which the seeds were exposed to
            spring sunlight for periods of 3, 5, and 7 days
            considerably lowered disease incidence.

Card 1/1

KAZHICHKIN, A. P.


Moscow.   Guidebook to the pavilion "Sheep breeding"   Moskva, Gos. izd-vo
sel'khoz.   lit-ry, 1954.   67 p. (55-35634)

S557.M87 1954ьj

LOBACHIK, A.P., starshiy metodist; KAZHICHKIN,A.P., glavnyy zootekhnik;
    KLETCHENKO, A.V., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[The "Sheep Breeding" pavilion; a guidebook] Pavil'on "Ovtsevodstvo";
putevoditel'. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 23 p.
                                                    (MLRA 9:12)
1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954-
        (Moscow--Sheep breeding--Exhibitions)

KAZHIKHIN, P. V.

20863.  Kazhikhin, P. V.  Gnezdovaya seyalka SA-2. Sots. sel Khoz-vo. Uzbekistana, 1949, No. 1, s. 50-52.

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

KAMILOV, A.V.

Planting cotton in clusters and checkrowed clusters Tashkent, Akademiia nauk UzSSR, 1954. 30p. (Bibliotechka kol-khoznika)

KAZHIKHIN, V.; GOLYSHEV, L.

Agricultural Machinery

Mechanization of fertilizer placement.  Khlopkovodstvo  No. 6, 1951.

9.  Monthly List of Russian Accessions, Library of Congress, ____June____1953, Uncl.

KAZHINOV, V.T., dots., kand.tekhr.nauk; TERENIN, M.P.

    Laying of underground pipelines across water barriers.
    Gor. khoz. Mosk. 32  no.8:19-20   Ag '58.          (MIRA 11:9)

    1. Glavnyy inzhener 3-go razryada podvodno-tekhnicheskikh rabot
    Ministerstva rechnogo flota (for Terenin).
                   (Pipelines)

KAZHINSKIY, Bernard Bernardovich; CHUMACHENKO, V.S., red.; DAKHNO,
Yu.M., tekhn. red.

[Biological radio communication] Biologicheskaia radiosviaz'.
Kiev, Izd-vo Akad.nauk USSR, 1962.  166 p.      (MIRA 15:7)
(Thought transference)

KAZHINSKIY, B.

PA 42/49T10

USSR/Electricity                    Apr 49
     Power Supplies
     Generators, Wind-Driven

"A Simple Wind Turbine KD-2," B. Kazhinskiy,
4 pp

"Radio" No 4

Construction specifications for wind turbine
KD-2, which uses a wooden nine-blade wind
wheel 2 meters wide. This unit may develop power up
to 200 watts with a wind speed of 8 meters/sec.

                                    42/49T10

KAZHINSKIY, B.,

USSR/Engineering - Electric Power Stations     Oct 49
Turbine, Rotary

"A Low-Power Hydroelectric Station," B. Kazhinskiy,
6 pp

"Radio" No 10

Describes structural features and method of instal-
lation of a rotary turbine 5 meters long and 0.5
meter wide. Maintains it will develop about 10 kw
of power when installed in a stream having a flow
velocity of 3.2 meters/sec. Table lists theoretical
power and rpm of the rotary turbine for various flow
velocities.

150T27

KAZHINSKIY, B. B.

"Low-Power, Free-Flow Hydroelectrical Stations", Gosenergoizdat, 72 pp, 1950.

KAZHINSKIY, B.

PA 164T27

USSR/Electricity - Motors, Wind-Driven        Aug 50
                    Electric Power

"Patterns for Blades of VIM D-1,2 Wind-Driven Motors," B. Kazhinskiy

"Radio" No 8, pp 52-53

Gives profile diagrams and instructions for making blades for VIM D-1,2 wind-driven motor described in "Radio" No 3, 1950, in response to requests from readers.

164T27.

TAZHIYEV, I.T., kandidat tekhnicheskikh nauk; KAZHINSKIY, B.B., redaktor;
FRIDKIN, A.M., tekhnicheskiy redaktor.

[Wind power as a power base for the electrification of agriculture]
Energiia vetra kak energeticheskaia baza elektrifikatsii sel'skogo
khoziaistva. 2-e izd., peresmotrennoe i dop. Moskva, Gos. energ.
izd-vo, 1952. 192 p. [Microfilm]                       (MLRA 7:11)
        (Wind power) (Rural electrification)

KAZHINSKIY, B. B.

USSR/Chemistry, Colloid - Fogs           Jul/Aug 52

"The Action of Dispersed Solutions of Calcium Chloride on Fogs Consisting of Water," V. A. Fedoseyev, B. B. Kazhinskiy, B. A. Karakin, Z. M. Domentianova, Odessa State U imeni I. I. Mechnikov

"Kolloid Zhur" Vol XIV, No 4, pp 274-278

Investigated the action of a dispersed soln of CaCl2 on the settling of water fog. Showed that introduction of a sprayed CaCl2 soln into a chamber contg fog accelerates the sedimentation of that fog. Established that accelerated sedimentation is brought about by coagulation of water drops with drops of CaCl2 soln. This was confirmed by the

225T16

distribution curves as well as by special expts using potassium ferrocyanide as an indicator. Assumes that coagulation is facilitated by the different vapor pressures of the droplets of water fog and the droplets of soln fog.

225T16

KAZHINSKIY, B., kandidat fiziko-matematicheskikh nauk, Moscow.

Wind-driven relay regulator.  Radio no.12:58-59 D '53.  (MLRA 6:12)
(Air turbines)

KAZHINSKIY, B.

USSR/Electricity - High-speed Governor

Card        :   1/1

Authors     :   Perli, S., and Kazhinskiy, B.

Title       :   Governor for a high-speed windmill

Periodical  :   Radio, No. 4, 24 - 26, April 1954

Abstract    :   A governor for a high-speed wind-driven generator is described. The
                governor was designed to control the speed of windmill blades. Dia-
                grams of the regulator and its parts, and a reference table are in-
                cluded.

Institution :   ....

Submitted   :   ....

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P., BARMASH, A.I., BEDNYAKOVA,
A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITYUTSKOV,
V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.;
BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,
[deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;
GOLDOVSKIY,Ye.M.; GORBUNOV, P.P.; GORYAINOV, F.A.; GRINBERG, B.G.;
GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M.,[deceased];
DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S.,
[deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.;
ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,
S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.;
KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV,
I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;
LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu; LUTTSAU, V.K.;
MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;
NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;
POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG,
G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.;
RUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu,
STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;
FEDOROV, A.V.; FERE, N.E.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN,
M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.;
SHISHKINA, N.N.; SHOR, Ya.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.M.;
SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; KRVAYS, A.V.;
(Continued on next card)

ANDREYEV, A.B. (continued)  .... Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-
GEYM,B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor;
BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L.,
retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV,
A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor;
DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent;
redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M.
retsenzent, redaktor;ZHEMOCHKIN, D.N., retsenzent, redaktor;
SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent,
redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M.,
retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor;
MALOV, N.N., retsenzent, redaktor; MARKUS, V.A. retsenzent, redaktor;
METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent;
redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A.,
retsenzent, redaktor; PANYUKOV, N.P.,retsenzent, redaktor; PLAKSIN,
I.N.• retsenzent, redaktor; RAKOV, K.A. retsenzent, redaktor;
RZHAVINSKIY, V.V., retsenzent, redaktor; RIMBERG, A.M., retsenzent;
redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G.,
retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent,
redaktor; RYZHOV, P.A., retsenzent, redaktor; SAMDOMIRSKIY, V.B.,
retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor;
SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent,
redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye.,
retsenzent, redaktor; STRELETSKIY, N.S., retsenzent, redaktor;
(Continued on next card)

ANDREYEV, A.V.,(continued) .... Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, N.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTO-PAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor;PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor;BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) .... Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii
slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
    (Technology--Dictionaries)

KAZHINSKIY, B., kandidat fiziko-matematicheskikh nauk.

Physics of the rain cloud.  Tekh.mol. 23 no.1:26-29 Ja'55.
    (Rain making)                              (MIRA 8:3)

KAZHINSKIY,B., kandidat fiziko-matematicheskikh nauk

Floating electric power stations.   Tekh.mol.23 no.7:9-11 Jl'55.
       (Hydroelectric power stations)        (MIRA 8:10)

KAZHINSKIY, Bernard Bernardovich; PERLI, Semen Borisovich; YEFREMOVA, Ye.,
redaktor; ANDRIANOV, B., tekhnicheskiy redaktor

[Homemade wind power electric stations] Samodel'naia vetroelektro-
stantsiia. Moskva, Izd-vo DOSAAF, 1956. 93 p.         (MLRA 10:6)
        (Windmills)    (Electric power plants)

Kazhinskiy, B.

AID P - 4407

Subject      :  USSR/Radio

Card 1/1     Pub. 89 - 5/18

Authors      :  Kazhinskiy, B. and S. Perli

Title        :  Single-blade wind-wheel

Periodical   :  Radio, 4, 18-21, Ap 1956

Abstract     :  The article describes in detail the design of a wind-
                driven wheel to be coupled with generator charging
                storage batteries.  A detailed layout of the wheel design
                and data on its components are given.  Five diagrams.

Institution  :  None

Submitted    :  No date

107-5-46/54

AUTHOR:    Kazhinskiy, B. and Login, M.

TITLE:     Damless Electric Power Station (Besplotinnaya elektrostantsiya)

PERIODICAL: Radio, 1956, Nr5, p. 57 col. 1-2 (USSR)

ABSTRACT: A description of a primitive floating hydro mover suitable for  driving a
          1-2 kw electric generator for small rural electrification.  A number of
          wooden blades are attached to a crankshaft and immersed one by one into the
          river which should have the stream rate of 1 m/sec or more.

          Two figures in the article.

AVAILABLE: Library of Congress.

Card 1/1

*L. Aleksakhin, K.*

AUTHOR:      K. Aleksakhin                                    107-9-13/53

TITLE:       The Wind-Driven Generator (Vetrovoy agregat)

PERIODICAL:  Radio, 1957, # 9, p 16-19 (USSR)

ABSTRACT:         The article contains a description of a high-speed wind mill
             of simple design, driving a d.c. generator. of 50-750 w capacity
             at wind velocities varying from 3 to 12-15 meters per second.
                  In regions, where the average wind speed is rather low (less
             than 3 m per second), the wind mill can easily be adapted to
             these conditions with a slight modification.
                  The operation of the automatic protective device against
             storm, and the stopping mechanism of the same, utilized in this
             wind mill, are described in detail in the book of B. Kazhinskiy
             and S. Perli "Home-Made Electric Wind Power Plant" ("DOSAAF"
             Edition, 1956)
                  The d.c. generators "ПН-10" and "ПН-28" may be used.  It is
             not advisable to utilize automatic or tractor generators, resp.
             the "ГС-1000" generator, because the charging of storage-
             batteries will then be impossible at slow rotating speeds.
                  The wind mill consists of nine main parts shown by the fi-
Card 1/2     gure at the top of this article.  Its constructional details

The Wind-Driven Generator                                    107-9-13/53

                  and dimensions are given in the text, as well as in figures 1
             and 2.
                  The article contains 3 figures and 1 Russian reference.

AVAILABLE:   Library of Congress

Card 2/2

KAZHKAN, YA. M.

10747 - KAZHMAN, YA. M.  O nepreryvnykh otobrazheniyakh, povyshayushchikh razmernost'. Doklady Akad. nauk SSSR, novaya seriya, T. LXVII, No. 1, 1949, s. 19-22, Bibliogr: 6 nazv.

SO:    LETOPIS' ZHURNAL STATEY, Vol. 27, MOSKVA 1949

KAZHKAY, Mir Ali   and   ALIEV, B.   (Docent)   (Editors)


        "The Physical Geography of Azerbaydzhan SSR,"   reviewed by. Ye. M. Murzayev,
Baku, 1945.   279 pages


Translation  U-1540,  30 Oct 51

KAZHKIN, P.N., professor (Leningrad)

Important factors of the therapeutic and preventive use of antibiotics. Vop.okh.mat. i det. 1 no.6:46-53 N-D '56.
(ANTIBIOTICS)                              (MLRA 10:1)

KAZHKINA, A.O.; KOVAL', L.A.; LYAPICHEV, B.I.

"Electron mathematics" in the service of geophysics.  Izv. AN
Kazakh. SSR. Ser.geol.  no.3:100-101  '62.             (MIRA 15:7)
            (Electronic calculating machines)  (Geophysics)

VIKTOROV, A.F.; KAZHLAYEV, D.G.; FINKLER, A., red.; DMUKHAR, V., tekhn.
      red.

      [Makhachkala; economic-geographical study] Makhachkala; ekonomiko-
      geograficheskii ocherk. Makhachkala, Dagestanskoe knizhnoe izd-vo,
      1958.  99 p.                               (MIRA 13:4)
                  (Makhachkala--Economic conditions)

1. KAZHLAYEV, M. A.

2. USSR (600)

4. Photoelectricity

7. Role of active centers in the photovoltaic effect.  Trudy Inst. fiz. i mat.
AN Azerb. SSR no. 5: 1951

9. <u>Monthly List of Russian Accessions,</u>  Library of Congress,  March 1953,  Unclassified.

AUTHORS:     Amirkhanov, Kh. I., Member of the AN Azerbaidzhan SSR
Bagduyev, G. B., <u>Kazhlayev, M. A.</u>

TITLE:       The Thermal Conductivity of Tellurium (Teploprovodnost' tellura).

PERIODICAL:  Doklady AN SSSR, 1957, Vol. 117, Nr 6, pp. 953 - 955 (USSR)

ABSTRACT:    The present paper gives the results of investigations of the
temperature dependence of the thermal conductivity $\lambda$ of pure
tellurium in the interval of from 1o to 5oo°C. Object of the invest-
igations were finely crystalline samples produced in the form of
tablets by cold pressing under a pressure of 4ooo kg/cm$^2$ and by
6 hours hot pressing at a temperature of 4oo°C under a pressure
of 36o    kg/cm$^2$. The thermal conductivity was measured by the
compensation method with the use of a vacuum for avoiding the oxi-
dation of the sample. Special investigations of the course of
temperature of the heat capacity were additionally made by an
adiabatic microcalorimeter. The existence of charge carriers of
two signs in tellurium further complicates the already complicated
total image of thermal conductivity, which is also indicated by
the experimental data found here. The curves given here illustra-
te the course of temperature of the different components of the
thermal conductivity of tellurium. One of these curves illustrates
the temperature dependence of the phononic part of thermal con-

Card 1/2

24(2),24(8)

AUTHORS:        Amirkhanov, Kh. I., Academician, AS      SOV/20-124-3-16/67
                Azerbaydzhanskaya SSR, Bagduyev, G. B., Kazhlayev, M. A.

ABSTRACT:       The present paper gives the results obtained by measurements
                of the thermal conductivity on a tellurium single crystal bred
                in a furnace by slow cooling from $750^\circ$ K to room temperature.
                The tellurium casting thus produced (length 6 cm, diameter
                2 cm) was a massive single crystal without any fine-crystalline
                inclusions. The single crystal was split along its parallel
                surfaces and formed reflecting faces at the points of fracture.
                From this single crystal samples were cut out parallel and
                vertical to the cleavage face for the purpose of measuring
                thermal conductivity. Also electric conductivity and the Hall
                effect were measured. The method of measuring thermal conduc-
                tivity has already been described in one of the authors' pre-
                vious papers (Ref 1). A diagram shows the temperature dependence
Card 1/3            of thermal conductivity and a second diagram shows the

The Anisotropy of Thermal Conductivity in a Single     SOV/20-124-3-16/67
Crystal of Tellurium

dependence of the electric conductivity of the samples within
the temperature interval of from 100 to 640° K. The curves of
the first diagram show marked anisotropy of thermal conductivity
in the direction of the crystallographic axes of the single
crystal, which becomes weaker with increasing temperature.
Numerical data concerning this anisotropy are given. The
anisotropy of thermal conductivity in a tellurium single
crystal is probably connected with the fact that in a heat
flow along the cleft, thermal resistance is essentially due
to phonon-phonon scattering. However, in the case of a heat
flow that is vertical to the cleavage plane, there is,
besides phonon-phonon scattering, also a considerable amount of
scattering of phonons on the crystal layers, which act as
additional scattering centers. At low temperatures of about
up to room temperature, that part of thermal conductivity
which is due to electrons may be neglected as being infinitely
small, and the total thermal conductivity in this temperature
interval may essentially be ascribed to the thermal diffusion
of phonons. Next, expressions are given (separately for low

Card 2/3     and high temperatures) for the dependence of the thermal

The Anisotropy of Thermal Conductivity in a Single       SOV/20-124-3-16/67
Crystal of Tellurium

conductivity coefficient of a tellurium single crystal
parallel and vertical to the crystallographic axes. The
lesser degree of decrease of thermal conductivity in a telluri-
um single crystal at high temperatures can, as in the case of
polycrystalline samples, be ascribed to the participation of
current carriers in the transfer of thermal energy. Various
indications tend to show a diffusion and recombination of
electron-hole pairs. There are 3 figures and 3 Soviet referen-
ces.

ASSOCIATION:   Dagestanskiy filial Akademii nauk SSSR (Dagestan Branch of the
Academy of Sciences, USSR)

SUBMITTED:    August 28, 1958


Card 3/3

*Kazhlayev, M. A.*

PHASE I BOOK EXPLOITATION                    307/9046

Mikhaylov, A. A., ed.

Staniley v kosmose; sbornik statey (Space Stations; Collection of Articles) Moscow, Iz-vo AN SSSR, 1960. 444 p. 25,000 copies printed. (Series: Akademiya nauk SSSR. Nauchno-populyarnaya Seriya)

Resp. Ed.: A. A. Mikhaylov; Compiler: V. V. Fedorov; Ed. of Publishing House: Ye. M. Klyaus; Tech. Ed.: I. D. Novichkova.

PURPOSE: This book is intended both for the space specialist and the average reader interested in space problems.

COVERAGE: The book contains 73 short articles by various Soviet authors on problems connected with space travel and the launching of artificial earth satellites and space rockets. Some possibilities of future developments are also discussed. The articles were published in the period of 1957-1960. No personalities are mentioned. There are no references.

24 5300

AUTHORS:    Bagduyev, G. B., Valiyev, A. A., Kazhlayev, M. A., Kamilov, I. K.

TITLE:    The heat conductivity of lead telluride

PERIODICAL:    Referativnyy zhurnal, Fizika, no. 6, 1962, 17, abstract 6E143
("Uch. zap. Dagestansk. un-t", 1961, v. 7, no. 1, 107 - 111)

TEXT:    The heat conductivity ($\lambda$) of PbTe has been measured in the temperature range of 90 - 600°K. A plane stationary method was applied and the measurement accuracy was 4 - 6%. Up to 360°K, $\lambda \sim 1/T$. At higher temperatures the dependence was weaker, which is explained by the influence of the electron contribution to $\lambda$. At temperatures higher than 200°K, the measurement results diverge from those of Ye. D. Devyatkova (RZhFiz, 1957, no. 11, 27619), which can be explained by the presence, in the experiments of the latter, of neglected radiation losses from the lateral sample surfaces.

L. Filippov

[Abstracter's note:  Complete translation]

Card 1/1

KAZHLAYEV, M. D.

Lightning

Case of acute aural damage due to lightning.  Vesr. oto-rin., 14, No. 2, 1952.

EXCERPTA MEDICA Sec 11 Vol 9/3   O.R.L.      Mar  56

600.  KAZHLAYEFF M. D. Azerbaydzhan Inst. for med. Educ., Baku. *Loss of
        hearing in an infant as a result of an acoustic trauma
        (Russian text) VESTN. OTO-RINO-LARING. 1955, 5 (77)
Apparent blast injury of both labyrinths in an 11-month-old girl who had been near
a firing artillery battery. A marked neurotic reaction was observed in the child
after the accident. At the first examination, 8 months later, the tympanic mem-
branes were normal, but the child did not react to acoustic stimuli. Both laby-
rinths showed lack of response in the caloric test. Two and a half years later the
girl was deaf and dumb; there was complete absence of tne vestibular responses
to both caloric and turning stimulation.                        Szpunar - Cracow

KAZHLAYEV, M.D., professor

Abnormality of the styloid process. Vest.oto-rin. 18 no.5:121-122
S-O '56.                                              (MLRA 9:11)

1. Iz Azerbaydzhanskogo instituta usovershenstvovaniya vrachey (Baku)
    (TEMPORAL BONE, abnorm.
        styloid process elongation, surg.)

KAZHLAYEV, M.D., professor; AZERBUKH, R.I., ordinator bol'nitsy

Isolated nonpenetrating injury of tongue with intralingual retention
of a foreign body for 40 years. Vest.oto-rin. 19 no..2:109-110
Mr-Ap '57.                                                    (MLRA 10:6)

1. Iz kliniki bolezney ukha, gorla i nosa Azerbaydzhanskogo instituta
usovershenstvovaniya vrachey i Bakinskoy onkologicheskoy bol'nitsy.
          (TONGUE, wds.  & inj.
                isolated blind inj. of tongue with intralingual
                retention of foreign body for 40 years (Rus))

KAZHLAYEV, M.D., prof.

Treating dacryocystitis in newborns and infants by probing from below. Azerb.med.zhur. no.6:91-93 Je '58    (MIRA 11:7)

1. Iz Laringologicheskoy kliniki Azerbaydzhanskogo gosudarstven-nogo instituta usovershenstvovaniya vrachey (direktor - M.I. Aliyev).
        (DACRYOCYSTITIS)

KAZHLAYEV, M.D., prof.; SHUBENKO, I.N., prozektor

Papilloma of the nose and maxillary sinus. Vest.otorin. 20
no.2:119-121 Mr-Ap '58.                                    (MIRA 12:11)

1. Iz kliniki bolezney ukha, gorla i nosa Azerbaydzhanskogo
instituta usovershenstvovaniya vrachey, Baku.
                (NOSE, neoplasms
                    papilloma (Rus))
             (MAXILLARY SINUS, neoplasms
                    papilloma (Rus))
            PAPILLOMA, case reports
                    nose & maxillary sinus (Rus))

KAZHLAYEV, M.D., prof.

What the "chepchi" are.  Azerb.med.zhur.  no.4:82-83  Ap '59.
                                            (MIRA 12:6)
    (KEDABEK DISTRICT--QUACKS AND QUACKERY) (FOREIGN BODIES)

KAZHLAYEV, M.D.

"Diseases of the ear, throat, and nose" by A.G.Likhachev.
Reviewed by M.D.Kazhlaev. Med.sestra 18 no.7:43 Jl '59.
(MIRA 12:10)
(OTORHINOLARYNGOLOGY) (LIKHACHEV, A.G.)