

ARKHANGEL'SKIY, V.D., kandidat tekhnicheskikh nauk.

Technological process of producing wood flour. Les.prom. 14 no.1:23-24  
Ja '54. (MLBA 7:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy  
obrabotki drevesiny.

(Wood flour)

~~ARKHANGEL'SKIY, Vsevolod Dmitriyovich; BURKOV, V.I., red.; KHUDYAKOVA, A.V.,~~  
red.izd-va; BRATISHKO, L.V., tekhn.red.

[Briquetting sawdust] Briketirovanie drevesnykh opilok. Moskva,  
Goslesbumizdat, 1957. 54 p. (MIRA 11:4)  
(Briquets)

*Технология муки, Всеволод Дмитриевич*

~~АРХАНГЕЛЬСКИЙ~~ ~~Всеволод Дмитриевич~~; SEMENOV, D.I., red.; FEDOROV, B.M.,  
red.izd-va; BACHURINA, A.M., tekhn.red.

[Technology of wood flour] Tekhnologiya drevesnoi muki. Moskva,  
Goslesbumizdat, 1957. 191 p. (MIRA 11:2)  
(Wood flour)

PETROVSKIY, N.I.; SHVAYKA, M.A.; ARKHANGEL'SKIY, V.D.

Wood waste prices. ~~Def. prom.~~ 7 no.10:25-26 0 '58.

(MIRA 11:11)

1. L'vovskiy gosudarstvennyy universitet im. Franko (for Petrovskiy, Shvayka). 2. Tsentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki dereva (for Arkhangel'skiy).  
(Wood waste--Prices)

ARKHANGEL'SKIY, V.D.

Dehydration of wood waste. Der.prom. 7 no.11:5 N '58.

(MIRA 11:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.  
(Wood waste--Drying)

ARKHANGEL'SKIY, V.D.; RUSHNOV, M.P.

Knife chippers for the production of industrial wood chips.  
Der.prom. 9 no.5:14-15 My '60. (MIRA 13:7)  
(Woodworking machinery)

ARKHANGEL'SKIY, Vsevolod Dmitriyevich; BASKAKOV, Ye.D., red.; LEBEDEVA, I.D.,  
red. izd-va; LOBANKOVA, R.Ye., tekhn. red.

[Processing of secondary wood raw materials] Pererabotka vtorichnogo  
drevesnogo syr'ia. Moskva, Goslesbumizdat, 1961. 153 p.

(MIRA 14:12)

(Wood waste)

ARKHANGEL'SKIY, V.D., kand. tekhn. nauk; STRONGIN, A.M., inzh.;  
ROZHDESTVENSKAYA, I.F., red.; BARSUKOVA, Yu., tekhn.red.

[Devices for making wooden furniture] Prisoobleniia dlia  
proizvodstva stoliarnoi mebeli. Moskva, KOIZ, 1951. 211 p.  
(MIRA 16:7)

(Carpentry--Tools)



ARKHANGEL'SKIY, V.D.; REBRIN, S., nauchn. red.; ZARAPINA, Ye.Ya.,  
red.; PETRENKO, V.M., tekhn. red.

[Units for drying shavings and sawdust] Agretaty dlia sushki  
struzhek i opilok. Moskva, TSentr. in-t tekhn. informatsii  
i ekon. issledovaniy po lesnoi, buma khnoi i derevoobrabat.  
promyshl., 1963. 23 p. (MIRA 17:4)

ARHANGE'LSKIY, V. G.

42748. GILYAROVSKIY, V. A. i ARHANGE'LSKIY, V. G. Zadachi Psikhologii i Yenicheskoy Raboty V Poslevoyennoye Vremya. V SB: Med. - San. Posledstviya Voynymeropriyatiya Po Ikh Likvidatsii. T. I. M., 1948, s. 57-60.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

ARKHANGYEL'SKIY, V.G.

25984

Psikhoterapiya, fyeldshydr i akushyerka. 1949, No. 7, c. 20-25

So: Istopis' No. 34

ARKHENGEL'SKIY, V. G.

Detrimental effects of tobacco smoking on health. Moskva, 1950. 19 p. (Nauchno-populiarnaya meditsinskaya literatura)

DAFM

1. Smoking. 2. Tobacco - Physiological effects.

ARKHANGEL'SKIY, V.G.

[The harmful effect of smoking] O vrede kurenia. Izd. 4. Moskva,  
Medgiz, 1954. 23 p. (MLRA 7:11)  
(Smoking) (Tobacco--Physiological effect)

ARKHANGEL'SKIY, V.G. (Moskva)

~~ARKHANGEL'SKIY, V.G. (Moskva)~~  
Treatment of asthenic conditions with suggestion and prolonged  
sleep in polyclinical conditions. Zhur.nevr.i psikh. 54 no.5:  
436-439 My '54. (MLRA 7:6)

(ASTHENIA, therapy,

\*sleep)

(SLEEP, therapeutic use,

\*asthenia)

ARKHANGEL'SKIY, Vladimir Georgiyevich; KONDRAT'YEV, Viktor Alekseyevich;  
TRAKHTMAN, Ya.N., redaktor; BEL'CHIKOVA, Yu.S., tekhnicheskii  
redaktor.

[To the student on organization of working and living habits]  
Studentu ob organizatsii truda i byta, Moskva, Gos. in-d-vo med.  
lit-ry, 1955. 97 p. (MLRA 9:6)

(Students)

ARKHANGEL'SKIY, V.; MELEKHOV, D.

Leonid Iosifovich Smirnov; obituary. Zhur. nevr. i psikh. 56 no.5:  
438-439 '56. (MIRA 9:8)

(SMIRNOV, LEONID IOSIFOVICH, 1889-1955)



LEVITANSKIY, B.A., inzhener; ARKHANGEL'SKIY, V.I., redaktor; NEPOMNYASHCHIY,  
N.V., redaktor; MIKHAYLOVA, V.V., tekhnicheskiiy redaktor.

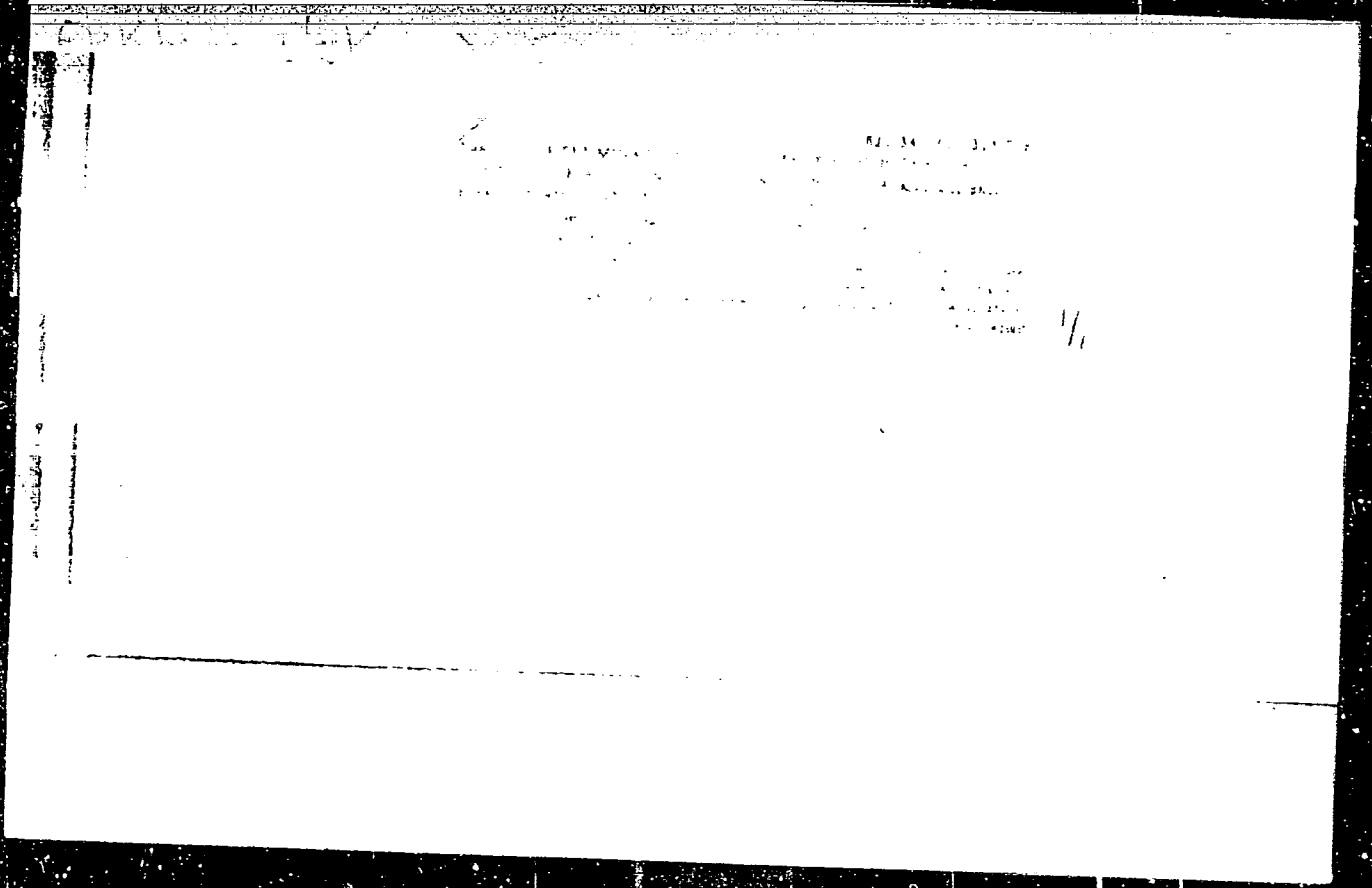
[Electrical equipment of the iron industry industrial plants] Elektro-  
oborudovanie predpriatii chernoi metallurgii. Moskva, Gos.nauchno-  
tekh.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 619 p.  
(Iron industry) (Electric machinery)

ARKHANGEL'SKIY, V. I.

Subject : USSR/Electricity AID P - 3246  
Card 1/2 Pub. 27 - 1/25  
Author : Arkhangel'skiy, V. I., Eng., Moscow  
Title : A new system of controlling the excitation field of a blooming mill drive  
Periodical : Elektrichestvo, 9, 1-8, S 1955  
Abstract : The author gives an account of the requirements for a quick clearing of transients caused by the change of a d-c motor field. He demonstrates that with the weakening of the field the initial excitation current should be at its maximum with a subsequent reduction. On the other hand, with the intensification of the field, the initial current should be low and increasing. The author finds formulas to express the changes of the excitation current during the transient period. He builds dynamic characteristics of the system and on their basis static ones. He describes the new system of controlling the rolling mill drive and makes a comparative study of the new and old methods of control.

6.1 316 720  
 In Russian  
 The load regulators preventing overloading of bloming-  
 mill motors so far used failed to control effectively the  
 armature currents of the motors under all conditions of opera-  
 tion and at every speed. The following reasons:  
 (1) absence of a continuous control of the acceleration  
 (2) acceleration from the maximum speed, viz. at high arma-  
 ture currents the field is increased rather than decreased,  
 and (3) the law of variation of the pole moment.

B.F. Kraus  
 1. 75 sent to the Bureau of the Ministry of Defense



ARKHANGEL'SKIY, V.I., inzh.; CHELYUSTKIN, A.B.

Programming equipment used in automatic control of adjusting screws  
in reversing mills. *Bul. TSNIIGEM no.15:22-25 '57. (MIRA 11:5)*  
(Rolling mills--Numerical control)

ARKHANGEL'SKIY, V.I., inzh.

Automatic control of blooming mills. *Biul. TSNIICEM* no.1:24-29 '58.  
(Rolling mills) (Automatic control) (MIRA 11:5)

PHASE I BOOK EXPLOITATION

SOV/5220

Arkhangel'skiy, Vladimir Ivanovich

Beskontaktnyye skemy upravleniya elektroprivodami reversivnykh prokatnykh stanov (Noncontact Control Circuits of Electric Drives in Reversible Rolling Mills) Moscow, Gosenergoizdat, 1960. 124 p. 8,000 copies printed. (Series: Biblioteka po avtomatike, vyp. 22)

Editorial Board: I. V. Antik, S. N. Veshenevskiy, V. S. Kulebakin, A. D. Smirnov, B. S. Sotskov, Ye. P. Stefani, and N. N. Shumilovskiy. Ed.: N. G. Lysenkov; Tech. Ed.: K. P. Voronin.

PURPOSE: This book is intended for technical personnel engaged in planning, investigating, adjusting, and operating the electric drives of rolling mills. It may also be useful to students who are taking courses in the electrical equipment of industrial enterprises.

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## Noncontact Control Circuits (Cont.)

SOV/5220

**COVERAGE:** The book contains a description and analysis of noncontact control circuits of electric drives for rolling mills. The author discusses methods of designing efficient structures of electric drives and gives examples of the selection of noncontact circuit parameters. Also included is a description of components used in designing noncontact circuits. The Tsentral'noye proyektno-konstruktorskoye byuro (TsPKB) [Central Planning and Design Office] Glavproyektmontazhavtomatiki of the Ministry of Construction RSFSR, the TsKB [Central Design Office "Elektroprivod" NIIEP, and IAT AN SSSR [Institute of Automation and Telemechanics AS USSR] are identified as organizations concerned with the development and investigation of noncontact control circuits for electric drives of rolling mills using rotating amplifiers and controlled mercury-arc rectifiers. No personalities are mentioned. There are 19 references, all Soviet (including 1 translation).

**TABLE OF CONTENTS:**

Foreword

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~~Card 2/4~~



VERSHINSKIY, Nikolay Vsevolodovich; ARKHANGEL'SKIY, V.I., red.; VORONIN,  
K.P., tekhn. red.

[Underwater television] Podvodnoe televidenie. Moskva, Gos.energ.  
izd-vo, 1960. 223 p. (MIRA 14:12)  
(Underwater television)

ИЗДАНИЕ В ДВА ТОМА, Ч. I.

Ученые обобщают свои знания по автоматизации производства  
профессор в машиностроении и автоматизации электропривода в промышленности  
№1. М., Москва, 1959

Электрические системы автоматизации производства  
(Электрические системы автоматизации производства)  
Книжка №1. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №2. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

ПРЕДМЕТЬ: Сборник статей по автоматизации производства  
и электрическим системам автоматизации производства  
и электрическим системам автоматизации производства

СОДЕРЖАНИЕ: Книга является сборником статей, опубликованных  
в журнале "Электрические системы автоматизации производства"  
и в журнале "Электрические системы автоматизации производства"

Книжка №1. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №2. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №3. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №4. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №5. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №6. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №7. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №8. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №9. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №10. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

Книжка №11. И.И. Петров, Л.А. Штерн, и М.О. Гилинский. М.: ИЛ, 1960, 112 стр., 11,000 копий.

ARKHANGEL'SKIY, V.I., inzh.

Contactless control circuit of the main drive of a reversible rolling mill. Elektrichestvo no.2:33-39 F '61. (MIRA 14:3)

1. Tsentral'noye proyektno-konstruktorskoye byuro Glavproyektmontash-avtomatika. (Rolling mills—Electric driving)

ARKHANGEL'SKIY, V.I.; LYAMBAKH, R.V.; SLEZHANOVSKIY, O.V.

Automatic control of reversing blooming mills. Stal' 21 no.6:528-  
534 Je '61. (MIRA 14:5)

(Rolling mills)  
(Automatic control)

ARKHANGEL'SKIY, V. I.

Review of M. I. Krivosheev's book "Principles of television measurements."  
Radiotekhnika 20 no. 7: 78-79 J1 '65.

(MIRA 18:8)

ARKHANGEL'SKIY, V. L.

ARKHANGEL'SKIY, V.L.

Selection of number of speeds in drilling installations with a  
drive through a hydraulic torque convertor. Neft. khos. 35 no.8:  
19-24 Ag '57. (MIRA 10:11)  
(Oil well drilling--Equipment and supplies)

AUTHOR: Arkhangel'skiy, V. I. SOV/93-58-8-7/15

TITLE: Certain Advantages in Using Turbine Transformers With Drilling Rigs (O nekotorykh prelmushchestvakh primeneniya turbotransformatorov v burovykh ustanovkakh)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 8, pp. 28-35 (USSR)

ABSTRACT: The author states that the exclusion of turbine transformers from the drive of drilling rigs leads to power loss during the lowering and lifting of the drilling columns. This power loss is inherent in the lowering and lifting operations and prolongs the time of these operations. Extensive research carried out by the Giproneftemash in recent years confirms the author's conclusion. The author supports his conclusion with data on Uralmash-3D, -5D, and -9D drilling rigs, and on U-2-4-5 and U-2-5-4 hoists. The data are reflected

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Certain Advantages (Cont.)

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in Figs. 1-7 and Tables 1-4.<sup>4</sup> The author determines the number of runs with the aid of the formula

$x = Ay^n$ , proposed by A. M. Pirverdyan in an article published in "Azerbaydzhanskoye neftyanoye khozyaystvo," 1947, Nr 11. In this formula x is the number of runs, u - the well depth in units of drill pipe, and A and n - constants for the well. The author determines the rate of the operating and cable with the aid of the formula  $V_i = \frac{P_{ut} + (R_{maks} - F_{ut}) Z_i}{75N}$ , proposed by

S. V. Zvorykin in an article published in "Neftyanoye khozyaystvo," 1953, Nr 10. In this formula N is the power on the shaft in horsepower, Pmaks - permissible tension in the operating end cable, P<sub>ut</sub> - dead weight, and i - ordinal velocity number. The dimensionless number Z<sub>i</sub> is selected from a special table, the initial

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Certain Advantages (Cont.)

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velocity equals 1. The author concludes that the inclusion of turbine transformers in the drilling rig drive will make it possible to utilize the rated capacity and consequently shorten the time for the lifting and lowering of drilling columns. There are 7 figures and 4 tables.

1. Drilling machines--Equipment
2. Turbines--Equipment
3. Turbines--Performance
4. Hoists

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ARKHANGEL'SKIY, V.L.

Reducing the number of speeds in hoisting drilling rigs equipped  
with hydraulic torque converters. Neft. khoz. 38 no.11:18-21 N  
'60. (MIRA 14:4)

(Oil well drilling rigs)

ARKHANGEL'SKIY, V.L.

Effect of the gear ratio of a transmission case on the  
start of a drill hoist with a torque converter. Mash.  
i neft. obor. no.3:3-7 '64. (MIRA 17:5)

1. Zavod "Barrikady", g. Volgograd.

ARKHANGEL'SKIY, V.L.

Effect of characteristics of tire-pneumatic clutch on the  
turning on of draw-works hoisting shaft. Mash. i neft.  
obor. no.8:13-16 '63. (MIRA 17:6)

1. Zavod "Barrikady."

ARKHANGEL'SKIY, V.L.

Use of hydraulic torque converters in drilling rigs. Mash. i  
neft. obr. no.2:11-18 '63. (MIRA 17:8)

1. Ural'skiy zavod tyazhelogo mashinostroyeniya imeni Sergo  
Ordzhonikidze.

ARKHANGEL'SKIY, V.L.

Kinematics of the driving parts of a clutch when turning on drilling the  
draw works in the initial stage. Mash. i neft. obor. no.8:3-7 '64.  
(MIRA 17:11)

1. Zavod "Barrikady", g. Volgograd.

ARKHANGEL'SKIY, V.I.

Paths to the Development of the Country's Climatology. Meteorol. i  
gidrologiya, No 5, 1953, pp 13-15

The author notes a number of tasks of climatology. In his opinion it is necessary to establish definitely and clearly for all students of the subject the object of climatology; to define for each region the natural synoptic seasons, and to give exhaustive characteristics of the geographical types of air masses. The author points to the erroneousness of the resolution of the Central Institute of Weather Forecasting on the elimination of the nomenclature for air masses from synoptic charts. (RZhGeol, No 5, 1954)

SO: Sum. No. 568, 6 Jul 55

ARKHANGEL'SKIY, V. L.

Subject : USSR/Meteorology and Hydrology AID P - 1863  
Card 1/1 Pub. 71-a - 6/26  
Author : Arkhangel'skiy, V. L., Kand. of Geographical Sci.  
Title : ~~On the height of the friction layer~~ in medium-size mountains  
Periodical : Met. i gidro., no.2, 26-28, 1955  
Abstract : Tests made in East Siberia with pilot-balloons are described. Results reportedly show that the friction level reaches up to 1,400 m while the friction force is most effective at 700 to 950 m. Three tables are given. Four Russian references 1936, 1939, 1947 and 1952.  
Institution : None  
Submitted : No date



ARKHANGEL'SKIY, V. I.

Paths and displacement velocity of cyclones and anticyclones in  
Eastern Siberia and the Far East. Trudy Dal'mevost. NIGMI no.1:  
97-113 '56. (MIRA 11:10)  
(Siberia, Eastern--Cyclones) (Far East--Cyclones)

ARKHANGEL'SKIY, V.L.

Genesis of atmospheric precipitation in the Sikhote-Alin' region  
and the surrounding area. Trudy Dal'nevost. NIOMI no.3:68-83  
' 58. (MIRA 11:12)  
(Sikhote-Alin' region--Precipitation (Meteorology))

ARKHANGEL'SKIY, V.I.

Influence of the Sikhote-Alin' Range on thermal conditions in the lower part of the troposphere during the 1st and 2nd stages of summer monsoons. Trudy Dal'nevost. NIGMI no.3:84-86 ' 58.

(MIRA 11:12)

(Sikhote-Alin' region--Atmospheric temperature)

ARKHANGEL'SKIY, Viktor L'vovich; ZHDANOVA, L.P., red.; FLAUM, M.Ya.,  
tekh.red.

[Influence of the Sikhote-Alin' Range on synoptic processes  
and distribution of precipitation] Vliianie Sikhote-Alinia  
na sinopticheskie protsessy i raspredelenie osadkov. Lenin-  
grad, Gidrometeor.isd-vo, 1959. 163 p. (MIRA 13:2)  
(Sikhote-Alin' region--Meteorology)

3 (7), 3 (9)

AUTHOR:

Arkhangel'skiy, V. L.

SOV/50-59-4-3/21

TITLE:

Winter Cyclone on the Okhotsk Sea, as the Seasonal Center of Atmospheric Activity (Zimniy okhotskomorskiy tsiklon - sezonnyy tsentr deystviya atmosfery)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 4, pp 21-25 (USSR)

ABSTRACT:

Kh. P. Pogoyan (Ref 8) ascertained as early as in 1947 the existence of a rough (from the north towards the Okhotsk Sea) in winter on the 500 mb-level. The proofs for the existence of a statistically stable winter cyclone on the Okhotsk Sea are given here, and thus the ascertainties of Pogoyan are confirmed in detail. For this purpose, the charts for 10 winters (December-February) from 1948/49, and the daily weather reports from January 1949 are used. The statistic stability of the winter cyclone on the Okhotsk Sea in the lowest atmospheric layer was already proved in the papers (Refs 4 and 10). It is shown here that this also applies to the whole lower half of the troposphere. The table obtained here shows that in December the average number of days with high cyclones over the Okhotsk Sea is equal to the average number of days with such cyclones over the Aleutian Islands and the adjacent

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Winter Cyclone on the Okhotsk Sea, as the Seasonal  
Center of Atmospheric Activity

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parts of the Pacific Ocean and the Bering Sea. The value of the absolute geopotential of the 500 mb-surface in the center of the cyclone on the Okhotsk Sea during the three winter months is smaller than in the center of the Aleutian depression. An analogous situation is observed on the 300 mb-surface. This proves that in winter there is a statistically stable high cyclone above the Okhotsk Sea. It is not inferior in intensity to the Aleutian depression in the middle and upper troposphere. Observations from the balloon also confirm this. In the cyclonic circulation above the Okhotsk Sea in the section from Okhotsk to Cape Taygonos, the air in the middle and upper troposphere flows from sea and ocean towards the mainland. It constitutes - so to speak - a compensating current which, to a certain extent, compensates the flow-off of the air from the mainland towards the ocean in the southern latitudes. This is one of the most important functions of the winter cyclone above the Okhotsk Sea as a center of influence of the atmosphere which regulates the directions of the main currents of the general circulation of the atmosphere in the extra-tropical latitudes of the Far East. - The two kinds of

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Winter Cyclone on the Okhotsk Sea - a Seasonal  
Center of Atmospheric Activity

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atmospheric processes, which frequently occur over the basin of the Amur River as well as over the area on the right bank of the Lena during the whole winter and which are most characteristic for these areas, are pointed out. One of the most important factors determining the displacement of baric formations in the temperate latitudes of East Asia is the relief and the configuration of the coastline. The geographic position and the configuration of the coastline of the Okhotsk Sea are favorable for the formation of the central cyclone above the sea in winter. Thus, the evolution of the planetary altitude-frontal zone, and the state of the jet currents in the temperate latitudes of East Asia in the winter months are inseparably connected with the evolution of a high central cyclone above the Okhotsk Sea and with the intrusion of anticyclones from the northern latitudes into the middle and subtropical latitudes of East Asia. There are 2 figures, 2 tables, and 10 Soviet references.

Card 3/3

ARKHANGEL'SKIY, V.L.

Lenticular clouds in the Maritime Territory. Trudy Dal'nevost.  
NIGMI no.11;115-117 '60. (MIRA 13:11)  
(Maritime Territory--Clouds)



ARKHANGEL'SKIY, V.L.

Calculating vertical gradients of precipitation in the Sikhote-Alin'  
region. Trudy Dal'nevost. NIGMI no.11:118-129 '60.

(Sikhote-Alin' region--Precipitation (Meteorology)) (MIRA 13:11)

RAYKHEL', A.Ya.; ARKHANGEL'SKIY, V.I.; AVAKOV, V.A.

Effect of weight of the mobile elements of the hoisting  
mechanism on the medium lowering speed of the empty elevator.  
Neft. khoz. 40 no.11:22-25 N '62. (MIRA 16:7)

(Elevators)

ARKHANGEL'SKIY, V.L.

Secular circulation of air temperature in Barnaul and Ner-  
chinskiy Zavod. Vest. Mosk. un. Ser 5:Geog. 18 no.6:87-89  
N-D '63.

(MIRA 16:11)

ACCESSION NR: AT4018152

S/2633/63/000/015/0113/0136

AUTHOR: Arkhangel'skiy, V. L.

TITLE: Synoptic conditions associated with turbulence experienced by high-speed aircraft on Far Eastern air routes

SOURCE: Vladivostok, Dal'nevostoch. n.-i gidrometeor. institut. Trudy\*, no. 15, 1963, 113-136

TOPIC TAGS: meteorology, aircraft turbulence, aviation meteorology, atmospheric turbulence, troposphere, upper troposphere, atmospheric front

ABSTRACT: An analysis of 1,454 reports submitted by crews of scheduled airliners were used to investigate aircraft turbulence conditions at heights of 8-10 km. On all Far Eastern air routes the aircraft turbulence experienced by turbojet planes in the upper troposphere is most probable in spring. Between Irkutsk and Khabarovsk the probability of turbulence in this season is 49%, between Khabarovsk and Vladivostok it is 28% and between Khabarovsk and Petropavlovsk it is 24%. The minimum probability of turbulence is in summer. The annual breakdown of cases of turbulence is: weak -- 67%, moderate -- 23% and strong -- 10%. Strong turbulence is least common in autumn and winter. The probability of turbulence is greater in

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clouds than in clear skies. In 80% of all turbulence cases the surface synoptic chart shows one or more clearly defined fronts. The probability of aircraft turbulence during flight through warm, cold and quasi-stationary fronts is almost identical. The absolute number of cases is only slightly dependent on the form of the high-level pressure field. Aircraft turbulence was observed on only 8% of the flights analyzed. Moderate and strong turbulence occurred most frequently when the plane passed through a region of a high-level ridge, including the periphery between a ridge and trough. Moderate and strong turbulence was observed most frequently outside the jet stream zone. A total of 90% of cases of strong turbulence occurred when winds aloft exceeded velocities of 60 km/hour. The air route with the most frequent moderate and strong turbulence is Irkutsk-Svobodnyy. All other conditions being equal, flights without aircraft turbulence are most frequent when the horizontal temperature gradients and the geopotential are least variable at flight altitude. Orig. art. has: 12 figures and 9 tables.

ASSOCIATION: Dal'nevostechnyy nauchno-issledovatel'skiy gidrometeorologicheskiy institut, Vladivostok (Far Eastern Hydrometeorological Scientific Research Institute)

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ARKHANGEL'SKIY, V.L.

Some characteristics of atmospheric processes in Transbaikalia.

Zap. Zabaik. otd. Geog. ob-va SSSR no. 24:21-38 '64

(MIRA 19:1)

ARKHANGEL'SKIY, V.L.; BIRMAN, B.A.; ZAKHAROV, V.N.; MARGOLIN, L.M.;  
NEMCHINOV, S.V.; PASHKOV, Yu.S.

Brief news. Meteor. i gidrol. no.8:63-64 Ag '63. (MIRA 16:10)

ARKHANGEL'SKIY, V. M., Candidate of Tech Sci (diss) -- "An evaluation of systems of developing mica deposits in eastern Siberia in terms of injuries to the mica crystals". Leningrad-Irkutsk, 1959. 14 pp (Min Higher Educ USSR, Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst, Irkutsk Mining and Metallurgical Inst), 160 copies (KL, No 22, 1959, 113)



ALIYEV, G.A.; SEMENOV, P.G.; BULANZHE, Yu.D.; ROZOVA, Ye.A.; DUBROVSKIY, V.G.;  
ARKHANGEL'SKIY, V.M.; TSKHAKAYA, A.D.; NAZAROV, A.G.

Comments of participants of the meeting. Biul.Sev.pe seism. no.1:85-92  
'55. (Seismology) (MIRA 9:9)

ARKHANGEL'SKIY, V. M.

"Some Cases of the Running of Carburetor Engines Under Unsteady Conditions." Sub  
19 Apr 51, Moscow Automobile and Road Institute V. M. Molotov.

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

SO: Sum. No. 480, 9 May 55.

~~ARKHANGEL'SKIY, G.N.~~

VEYS, D.A.; KOKHTEV, A.A.; IZLYANOV, V.A.; MALYNICH, V.I.; POVOLOTSKIY, L.I.;  
RASKATOV, V.M., inzhener; TOPORHIN, G.S.[deceased]; LAPUSHKIN, A.D.,  
dotsent, retsenzent; USPASSKIY, P.P., professor, retsenzent; ~~ARKHAN-~~  
~~GEL'SKIY, V.M.~~, kandidat tekhnicheskikh nauk, retsenzent; ~~REZIKER, Z.~~  
L., kandidat tekhnicheskikh nauk, retsenzent; SHAROV, M.Ya., kandidat  
tekhnicheskikh nauk, retsenzent; YUR'YEV, M.G., inzhener, retsenzent;  
LYUTIKOV, A.F., redaktor; MODEL', B.I., tekhnicheskij redaktor.

[Manual on materials for the construction of locomotives and railroad  
cars] Spravochnik po materialam dlia lokomotivo- i vagonostroenia.  
Pod obshchei red. V.M. Raskatova. Moskva, Gos. nauchno-tekhn. izd-vo  
machino-stroit. lit-ry, 1956. 481 p.  
(Locomotives--Construction) (Railroads--Cars--Construction)

KUZNETSOV, Yevgeniy Semenovich; ARKHANGEL'SKIY, V.M., red.; DONSKAYA,  
G.D., tekhn.red.

[Lubrication systems for motor vehicles] Rezhimy smazki avto-  
mobilei. Moskva, Nauchno-tekhn.isd-vo M-va avtomobil'nogo  
transporta i shosseinykh dorog RSFSR, 1960. 77 p.

(Motor vehicles--Lubrication)

(MIRA 13:5)

MORDUKHOVICH, Meyer Matveyevich; KONEV, Boris Fedorovich; STEPANOV, Ya.A.,  
doktor tekhn.nauk, retsenzent; LYAKHOV, M.I., kand.tekhn.nauk,  
retsenzent; ARKHANGEL'SKIY, V.M., kand.tekhn.nauk, red.; NAKHIMSON,  
V.A., red.isd-va; KL'KIND, V.D., tekhn.red.

[Fuel equipment of motor vehicles] Toplivnaia apparatura avto-  
mobil'nykh dvigatelei. Moskva, Gos.nauchno-tekhn.isd-vo mashino-  
stroit.lit-ry, 1960. 254 p. (MIRA 13:12)  
(Motor vehicles--Fuel systems)

ANDREYEV, B.V.; ARTEM'YEV, S.P.; ARKHANGEL'SKIY, V.M.; AFANAS'YEV, L.L.;  
BARKOV, V.F.; BRONSHTEYN, L.A.; BURKOV, M.S.; BURIYANOV, V.A.;  
VARSHAVSKIY, I.L.; VELIKANOV, D.P.; VOINOV, A.N.; VYRUBOV, D.N.;  
DORMIDONTOV, A.V.; D'YACHKOV, A.K.; YEFREMOV, V.V.; ZHABIN, V.M.;  
ZELENKOV, G.I.; KALABUKHOV, F.V.; KALISH, G.G.; KRAMARENKO, G.V.;  
KRASIKOV, S.M.; LAKHTIN, Yu.M.; MIKULIN, A.A.; ORLIN, A.S.; OSTROVSKIY,  
N.B.; OSTROVTSOV, A.N.; RUBETS, D.A.; STEPANOV, Yu.A.; STECHKIN, B.S.;  
KHACHATUROV, A.A.; KHOVAKH, M.S.; CHAROMSKIY, A.D.; SHARAPOV, K.A.

Nikolai Romanovich Briling; obituary. Avt.transp. 39 no.4:57  
Ap '61.

(MIRA 14:5)

(Briling, Nikolai Romanovich, 1876-1961)

ARKHANGEL'SKIY, V.M.; AFANAS'YEV, L.L., doktor tekhn.nauk; DEKHTERINSKIY, L.V.;  
ILARIONOV, V.A.; SERGEYEV, N.M.; TSUKERBERG, S.M.; ANOKHIN, V.I.,  
kand. tekhn. nauk, retsenzent; TSETENKO, V.G., inzh., retsenzent;  
YEGORKINA, L.I., red.izd-va; NAKHIMSON, V.A., red.izd-va;  
SOKOLOVA, G.F., tekhn. red.

[Motor vehicles; working principle operation and repair] Avto-  
mobili; ustroistvo, ekspluatatsiia i remont. Moskva, Izd-vo  
"Mashinostroenie," 1964. 510 p. (MIRA 17:4)

ARKHANGEL'SKIY, V.M., kand.tekhn.nauk; GOLUSHKO, I.F.

Investigating the performance of the ZIL-130 engine under starting conditions. Avt.prom. 31 no.4:5-8 Ap '65.

(MIRA 18:5)

1. Moskovskiy avtomobil'no-dorozhnyy institut.



KOLESNIK, Pavel Adamovich, dots.; KRAMARENKO, G.V., prof., doktor tekhn. nauk, retsenzent; ANAN'YEV, I.G., kand. tekhn. nauk, retsenzent; ARKHANGEL'SKIY, V.M., nauchn. red.

[Servicing materials for motor vehicles] Avtomobil'nye ekspluatatsionnye materialy. Moskva, Transport, 1965. 268 p. (MIRA 18:4)

1. Rukovoditel' kafedry ekspluatatsii avtomobil'nogo transporta Moskovskogo avtomobil'no-dorozhnogo instituta im. V.M.Molotova (for Kramarenko).

ARKHANGEL'SKIY, V.M.; AFANAS'YEV, L.L., doktor tekhn. nauk.;  
ILARIONOV, V.A.; SERGEYEV, N.M.; TSUKERBERG, S.M.,  
DEKHTERINSKIY, L.V.; ANOKHIN, V.I., kand. tekhn. nauk,  
retsenzent; TSETENKO, V.G., retsenzent

[Motor vehicles; their design, operation and repair] Avto-  
mobili; ustroistvo, ekspluatatsiia i remont. Moskva, Ma-  
shinostroenie, 1965. 510 p. (MIRA 18:8)

ARKHANGEL'SKIY, V. N.

Eye diseases. Kiev, Gos. med. izd-vo USSR, 1947. 95 p. (Biblioteka prakticheskogo vracha)

DSG

1. Eye - Diseases and defects.

**ARKHANGEL'SKIY, V.M., prof.**

Hemorrhage into the vitreous body in war injuries of the eye. *Mechyeh. shur.* 16:456-470 '47. (MIRA 10:12)

1. Z Institutu klinichnoi fiziologii AN URSR (direktor - akad. O.O. Bogomol'skiy [deceased]) i s kafedri ochnikh khvorob (sav. - prof. V.M. Arkhangel'skiy) Kiye'kogo medichnogo institutu im. akad. O.O. Bogomol'skaya.

(EYE--WOUNDS AND INJURIES) (HEMORRHAGE)

See also V.N. Arkhangel'skiy

ARKHANGEL'SKIY, V.M., prof.

~~Changes~~ in the trophic function of the hemato-parenchymatous barrier of the retina and the optic nerve. Medych.zhur. 16:471-477 '47.

(MIRA 10:12)

1. Z Institutu klinichnoi fiziologii AN URSS (direktor - akad. O.O. Bogomolets' [deceased]) i kliniki ochnikh khvorob (zav. - prof. V.M. Arkhangel's'kiy) Kiivs'kogo medichnogo institutu.

(OPTIC NERVE--DISEASES) (RETINA--DISEASES)

(SERUM THERAPY)

31050. ARKHANGEL'SKIY, V. N.

Kliniko-morfologicheskoe izuchenie mezhutochnogo veshchestva setchatki  
i ego poli v fiziologii i patologii glaza. Vracheb. delo, 1949, No. 10  
stb. 931-34

ARKHANGEL'SKIY, V. N.

Pavlovian physiologic theory in ophthalmology. Vest. oft., Moskva  
31 no.3:3-13 May-June 1952. (CIAML 22:2)

1. Of the Eye Clinic (Director -- Prof. V. N. Arkhangel'skiy, Corresponding Member of the Academy of Medical Sciences USSR), Kiev Order of the Red Banner of Labor Medical Institute imeni A. A. Bogomolets.

1. ARKHANGEL'SKIY, V. N.
2. USSR (600)
4. Medicine
7. Creative work of physicians for the benefit of the people. Vest. oft. 31, No. 5, 1952.

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



ARKHANGEL'SKIY, V.N. chlen-korrespondent.

"Eye wounds." Reviewed by V.N. Arkhangel'skiy. Arkh.pat. 15 no.2:83-87  
Mr-Apr '53. (MLRA 6:5)

1. Akademiya meditsinskikh nauk SSSR. (Eye--Wounds and injuries)  
(Levkoeva, E.F.)

ARKHANGEL'SKIY, V.N.

SMIRNOV, S.N., kandidat meditsinskikh nauk; ARKHANGEL'SKIY, V.N., chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor.

Method of graphic visualization of splinters in roentgenography of the eye.  
Vest.oft. 32 no.3:20-23 My-Je '53. (MLRA 6:8)

1. Glaznaya klinika Kiyevskogo meditsinskogo instituta. 2. Akademiya meditsinskikh nauk SSSR (for Arkhangel'skiy).  
(Eye--Foreign bodies) (Radiography)

ARKHANGEL'SKIY, V.N.

"Surgical therapy of exfoliation of the retina." Reviewed by V.N. Arkhan-  
gel'skii. Vest.oft. 32 no.2:47 Mr-Apr '53. (MLRA 6:5)  
(Retina--Diseases) (Rozenblium, M.E.)

KORNEVICH, I.A., doctor; ARKHANGEL'SKIY, V.N., professor, direktor.

Discussion of the anterior external vitreous layer as therapeutic method  
in certain after-effects of hemorrhages into the vitreous body. Vest.oft.  
32 no.2:36-38 Mr-Apr '53. (MLRA 6:5)

1. Glaznaya klinika Kiyevskogo meditsinskogo instituta.  
(Vitreous humor--Diseases)

ARKHANGEL'SKIY, V.N.; KORENEVICH, I.A.; PARKHOMENKO, M.Ye.

Practical significance of novocain block of the carotid sinus  
zone in certain eye diseases. Vest. oft., Moskva 32 no.4:26-32 July-  
Aug 1953. (QJML 25:1)

1. Professor for Arkhangel'skiy; Docent for Korenevich; Candidate  
Medical Sciences for Parkhomenko. 2. Of the Eye Clinic of Kiev Medical  
Institute imeni A. A. Bogomolets.

ARKHANGEL'SKIY, V.N., professor

Development of the eye and its functions as related to the development of the organism in unity with the external environment. Vest. oft. 33 no.6:3-9 N-D '54. (MLRA 8:1)

1. Chlen-korrespondent AMN SSSR. 2. Direktor kliniki glaznykh bolezney I MOIMI.

(EYE, physiology,  
eff. of environment on develop.)

(ENVIRONMENT,  
eff. on eye develop.)

ARKHANGEL'SKIY, V.N., professor

Take care of your eyes. Zdorov'e 1 no.7:18-19 J1 '55 (MIRA 9:5)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.  
(NYE)

ARKHANGEL'SKIY, V.N., professor

Treatment of neoplasms of the iris by electrodiathermocoagulation.  
Vest.oft. 34 no.2:36-42 Mr-Apr '55. (MIRA 8:7)

1. Chlen-korrespondent AMN SSSR, direktor glaznoy kliniki I Mo-  
skovskogo ordena Lenina meditsinskogo instituta.

(IRIS, neoplasms,  
diathermocoagulation)  
(DIATHERMY, in various diseases,  
electrocoagulation of iris)



ARKHANGEL'SKIY, V.N., professor.

---

"Glaucoma." A.S.Savvaitov. Reviewed by V.N.Arkhangel'skii.  
Vest.oft. 34 no.4:39 J1-Ag '55. (MLRA 8:10)  
(GLAUCOMA) (SAVVAITOV, A.S.)

ARKHANGEL'SKIY, V.N., professor.

"Treatment and prevention of trachoma." A.S.Savvaitov. Reviewed  
by V.N.Arkhangel'skii. Vest.oft.34 no.4:39-40 J1-Ag '55.  
(CONJUNCTIVITIS, GRANULAR) (MLRA 8:10)  
(SAVVAITOV, A.S.)

ARKHANGEL'SKIY, V.N. professor.

*(Review)*

Morphological changes of the eye in hypertension. E.E.Kikaion.  
Reviewed by V.N.Arkhangel'skii. Vest.oft.34 no.4:40-41 J1-Ag '55.  
(HYPERTENSION) (EYE--BLOOD-VESSELS) (MLRA 8:10)  
(KIKAION, E.E.)

ARKHANGEL'SKIY, V. A.

12

~~ARKHANGEL'SKIY, V.N.~~

ARKHANGEL'SKIY, V.N., professor

"Eye diseases" by S.I.Tal'kovskii. Reviewed by V.N.Arkhangel'skii.  
Vest.oft. 69 no.4:47-48 J1-Ag '56. (MLRA 10:9)  
(EYE-DISEASES) (TAL'KOVSKII, S.I.)

ARKHANGEL'SKIY, V.N.

[Practical manual on pathohistological technics for ophthalmologists]  
Prakticheskoe rukovodstvo po patologogistologicheskoi tekhnike dlia  
oftalmologov. Moskva, Medgiz, 1957. 110 p. (MIRA 11:4)  
(HISTOLOGY, PATHOLOGICAL)

ARXANGEL'SKIY, V.N.

[Diseases of the eye; manual for sector physicians] Glaznye bolezni;  
posobie dlia uchastkovogo vracha. Moskva Medgiz, 1957. 122 p.  
(EYE--DISEASES AND DEFECTS) (MIRA 11.4)

ARKHANGEL'SKIY, V.N., prof. (Moskva); VOLOKORENKO, A.I., prof. (Orenburg)

Forty years of Soviet ophthalmology. Vest.AMN SSSR 12 no.6:39-47  
'57. (MIRA 11:2)

1. Chlen-korrespondent AMN SSSR (for Arkhangel'skiy)  
(OPHTHALMOLOGY  
in Russia)



ARKHANGEL'SKIY, V.N., professor

Diathermic coagulation of the sclera in glaucoma. Vest. oft. 70 no.2:  
15-22 Mr-Apr '57. (MIRA 10:6)

1. Dir. kliniki glaznykh bolesney I Moskovskogo ordena Lenina  
meditsinskogo instituta imeni I.M.Sechenova. 2. Chlen-korrespon-  
dent Akademii meditsinskikh nauk SSSR.

(GLAUCOMA, surg.)

diathermic coagulation of sclera (Rus))

(SCLERA, surg.)

diathermic coagulation in glaucoma (Rus))

ARKHANGEL'SKIY, V.N., professor

"X-ray diagnosis of diseases of the nasolacrimal duct" by S.A.  
Dering. Reviewed by V.N.Arkhangel'skii. Vest.oft. 70 no.3:64  
My-Je '57. (MIRA 10:8)  
(LACRYMAL ORGANS--RADIOGRAPHY)  
(DERING, S.A.)

ARKHANGEL'SKIY, Vitaliy Nikolayevich, otv.red.

[Reference work on diseases of the eye] Mnogotomnoye rukovodstvo  
po glaznym bolezniyam. Moskva, Medgiz. Vol.4. [Surgery of the  
eye] Khirurgiia glaza. 1958. (MIRA 13:10)  
(EYE--SURGERY)

<sup>N</sup>  
ARKHAGEL'SKIY, V.N.

<sup>A</sup>  
Role of the interstitial substance of the retina in the function of  
the eye and in pathological processes occurring in the retina.  
Probl.fiziol. opt. 12:388-393 '58 (MIRA 11:6)

1. Glaznaya klinika 1-go Moskovskogo meditsinskogo instituta.  
(RETINA)

ARKHANGEL'SKIY, V.N.

Interstitial substance of the retina and its significance in the  
metabolic processes and function of the eye in man. Vest. AMN.  
SSSR 13 no.9:21-24 '58 (MIRA 11:10)

1. Chlen-korrespondent AMN SSSR:  
(RETINA, anat. & histol:  
interstitial substance, significance for metab.,  
process & funct. of eye (Rus))

ARKHANGEL'SKIY, V.N., prof.; BRYANTSEVA, M.

Adrian Aleksandrovich Kriukov; on the 50th anniversary of his  
death. Vest. AMN SSSR 13 no.12:84-86 '58. (MIRA 12:1)

1. Chlen-korrespondent AMN SSSR (for Arkhangel'skiy).  
(BIOGRAPHIES,  
Kriukov, Adrian, A. (Rus))

ARCHANGELSKIH, V. N.

Examination of the intracellular substance of retina. Cesk. ofth.  
14 no.3:153-156 June 58.

1. Očni klinika I. moskevske lékařské fakulty I. M. Sečenova, přednosta  
dopisující člen Akademie lékařských věd SSSR prof. V. N. Archangelskij.  
(RETINA, anat. & histol.  
exam. of intracellular substance (Cz))

ARKHANGEL'SKIY, V.N., prof.

Take care of your eyes! Rabotnitsa 36 no.8:30 Ag '58. (MIRA 11:9)

1.Chlen-korrespondent AMN SSSR. Tsentral'nyy nauchno-issledovatel'skiy institut sanitarnogo prosveshcheniya Ministerstva zdравookhraneniya SSSR.

(Eye--Care and hygiene)



ARKHANGEL'SKIY, V.N., prof.

Vision. Zdorov'e 5 no.12:9-11 D '59.

(MIRA 13:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.  
(VISION)

ARKHANGEL'SKIY, Vitaliy Nikolayevich

[Morphological bases of ophthalmoscopic diagnosis] Morfologicheskie osnovy oftal'moskopicheskoi diagnostiki. Moskva, Medgiz, 1960. 174 p.  
(MIRA 14:8)

(OPHTHALMOSCOPY)

ARKHANGEL'SKIY, Vitaliy Nikolayevich; BRYANTSEVA, M.K., red.;  
YAKOVLEVA, N.A., tekhn. red.

[Diseases of the eye] Glaznye bolezni; posobie dlia prakticheskogo vracha. 2. izd., dop. i perer. Moskva, Medgiz, 1963.  
131 p. (MIRA 16:2)

(EYE--DISEASES AND DEFECTS)

ARKHANGEL'SKIY, V. N., prof.

Anatomical substrate of cotton-wool spots on the retina (Results of studying the interstitial substance of the retina). Vest. oft. no.2:8-13 '62. (MIRA 15:4)

1. Kafedra glaznykh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova. Chlen-korrespondent AMN SSSR.

(RETINA--DISEASES)