

ARKHANGEL'SKIY, A. M.

ARKHANGEL'SKIY, A.M.

Formation of the banks of the Rybinsk Reservoir. Izv.Vses.geog.ob-va  
86 no.3:287-290 My-Je '54. (MLRA 7:6)  
(Rybinsk Reservoir)

ARKHANGEL'SKIY, A. M.

ARKHANGEL'SKIY, A. M. -- "The Mologa-Sheksna Basin (Physicogeographical Characteristics in Connection with the History of the Quaternary Glaciations)." Leningrad State Pedagogical Inst imeni A. I. Gertsen. Chair of Physical Geography. Leningrad, 1955. (Dissertation for the Degree of Doctor in Geographical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

ARKHANGEL'SKIY, A.M.

~~Concerning regional studies.~~ Geog. v shkole 18 no. 3:53-54  
My-Je '55. (MLRA 8:9)

(Museums and schools)

ARKHANGEL'SKIY, A.M.

The limit of the Valdai glaciation in the Russian Plain.  
Izv.Vses.geog.ob-va 88 no.3:286-291 My-Je '56.  
(Glacial epoch) (MIRA 9:9)

ALPAT'YEV, Anatoliy Mikhaylovich; ARKHANGEL'SKIY, Aleksandr Mikhaylovich;  
GORDEYEVA, Tamara Nikolayevna; TEREKHINA, G.I., red.; TSYPP0,  
R.V., tekhn.red.

[Field practices in physical geography; geomorphology, geography of  
soils, phytogeography, general practices] Polevaia praktika po  
fizicheskoi geografii; geomorfologiya, geografiya pochv, geografiya  
rastenii, kompleksnaia praktika. Moskva, Gos.uchebno-pedagog.  
izd-vo M-va prosv. RSFSR, 1958. 185 p. (MIRA 12:4)  
(Physical geography)

ARKHANGEL'SKIY, A.M., prof.

Natural history of Vologda Province." Reviewed by A.M. Arkhangel'skii.  
Volog. krai no.1:206-210 '59. (MIRA 15:2)  
(Vologda Province--Natural history)

KALESNIK, S.V.; ARKHANGEL'SKIY, A.M., prof.; MALININA, T.I., kand.nauk;  
RASPOPOV, I.M., kand.geograf.nauk, master sporta SSSR po turizmu;  
SEMENOVICH, N.I.; kand.nauk; SMIRNOV, L.Ye.; kand.nauk; SMIRNOVA,  
N.P., kand.nauk; STAL'MAKOVA, G.A., kand.nauk; YEVGENOV, D.N., kand.  
nauk; MATYUSHIN, V.P.; PASPOPOV, O.M.; SLOBOZHAN, I.I., red.; TI-  
KHONOVA, I.M., tekhn.red.

[For you, hikers!] Vam, turisty; kak provodit' nabliudeniia nad  
prirodoi v turistском pokhode. Leningrad, Lenizdat, 1960. 246 p.  
(MIRA 13:6)

1. Chlen-korrespondent AN SSSR (for Kalesnik).  
(Tourism) (Nature study)



ARKHANGEL'SKIY, A.M.

"Climates of the U.S.S.R."; textbook for teachers by A.A.Borisov. Re-  
viewed by A.M.Arkhangel'skii. Izv.Vses.geog.ob-va 93 no.3:273-274 My-  
Je '61. (MIRA 14:5)

(Climate)  
(Borisov, A.A.)

ARKHANGEL'SKIY, A.M.

Across Italy. Izv. Vses. geog. ob-va 93 no.4:320-329 J1 - Ag '61.  
(MIRA 14:7)

(Italy--Description and travel)

ALPAT'YEV, Anatoliy Mikhaylovich, prof.; ARKHANGEL'SKIY, Aleksandr Mikhaylovich, prof.; PODOPLELOV, Nikolay Yakovlevich, dots.; SHAGIROVA, I.M., red.; VORONINA, R.K., tekhn. red.

[Physical geography of the U.S.S.R.] Fizicheskaya geografiya SSSR. Pod obshchei red. A.M.Arkhangel'skogo. Moskva, Vysshaya shkola. Pt.1. 1962. 314 p. (MIRA 16:7)  
(Physical geography)

KALESNIK, S.V.; ARKHANGEL'SKIY, A.M.; DAVYDOV, A.F., kand. nauk;  
MALININA, T.I., kand. nauk; PETROVA, N.A., kand. nauk;  
RASPOPOV, I.M., kand. geogr. nauk master sporta SSSR po turizmu;  
SEMENOVICH, N.I., kand. nauk; DOBKOVICH, V.V., kand. nauk;  
MATYUSHIN, V.P., kand. nauk; SLOBOZHAN, I.I., red.;  
TIKHONOVA, I.M., tekhn. red.

[For you, tourists! How to conduct observations of nature  
during a trip] Вам, Turisty! Kak provodit' nabliudeniya nad prirodoy  
v pokhode. Izd. 2 per. 1 dop. [By] A.F. Davydov i dr, Lenin-  
grad, Lenizdat, 1963. 280 p. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Kalesnik).  
(Nature study) (Tourism)

ALPAT'YEV, Anatoliy Mikhaylovich; ARKHANGEL'SKIY, A.M.

[Field practice in physical geography; geomorphology, soil  
geography, phytogeography, overall practice] Polevaia praktika  
po fizicheskoi geografii; geomorfologiya, geografiya pochv,  
geografiya rastenii, kompleksnaya praktika. Izd.2., perer.  
Moskva, Prosveshchenie, 1964. 187 p. (MIRA 18:4)

ALPAT'YEV, Anatoliy Mikhaylovich, prof.; ARKHANGEL'SKIY, Aleksandr  
Mikhaylovich, prof.; PODOPLELOV, Nikolay Yakovlevich, dots.;  
STEPANOV, Anatoliy Yakovlevich, dots.; SHAGIROVA, I.M., red.

[Physical geography of the U.S.S.R.] Fizicheskaya geografiya  
SSSR. [By] A.M.Alpat'ev i dr. Moskva, Vysshaya shkola.  
Pt.2. 1965. 557 p. (MIRA 18:6)

*Podoplelov*

L 8317-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(c) JD/HW  
ACC NR: AT5022783 SOURCE CODE: UR/3164/64/000/014/0047/0051

AUTHOR: <sup>44,55</sup>Furs, B. A. (Engr.); <sup>44,55</sup>Shkurenko, A. A. (Engr.); Arkhangel'skiy, A. M. (Engr.); <sup>44,55</sup>Kovalevskiy, N. G. (Candidate of Technical Sciences) 44,55 49  
45  
371

ORG: None

TITLE: Machine for drawing rods for the production of capillary tubes from hard-to-deform steels and alloys

SOURCE: Dnepropetrovsk. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorsko-tekhnologicheskii institut trubnoy promyshlennosti. Proizvodstvo trub, no. 14, 1964. Sbornik statey po teorii i praktike trubnogo proizvodstva (Collection of articles on the theory and practice of pipe production), 47-51

TOPIC TAGS: metal tube, production engineering, cold rolling, metal drawing

ABSTRACT: The production of capillary tubes from hard-to-deform steels and

Card 1/2

2

E 8317-66

ACC NR: AT5022783

4  
alloys required a special method of tube drawing, in a casing and on a rod. A machine was designed and produced by the Ukrainian Scientific Research Pipe Institute, operating as follows: Into a tube made from hard-to-deform metal <sup>44,5</sup> a steel rod was inserted, the characteristics of which allowed a uniform decrease in its cross section under tension. The tube was covered with another thin-walled tube made from a mild low-carbon steel. After a preliminary warm and cold rolling of the tube together with the casing and rod, a three-layered rod resulted, which was rolled again to the given size. The subsequent operation provided for the extraction of the rod and the removing of the casing. The machine described makes possible core-drawing operations for the fabrication of capillary tubes from hard-to-deform steels and alloys, and it can be used by tube manufacturing plants. Orig. art. has: 4 figures.

SUB CODE: MM/ SUBM DATE: 00/ NR REF SOV: 001/ OTHER: 000

PC  
Card 2/2



L 41313-65 EWT(m)/EWP(t)/EWP(k) EWP(b) Pf-4 JD  
ACCESSION NR: AP5007361

1965 04 20 1965 0416

Author: Sitkovskiy, I. G.; Furs, B. A.; Kovalevskiy, N. S.; Arkhangel'skiy, A. M.; Tomsk, A. A.; Polishchuk, V. G.; Tuzin, I. A.; Melvin'skiy, M. B.

TITLE: An installation for heating pipes on cold rolling-reeling tube mills.  
Class 7, No. 158242

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 15

TOPIC TAGS: rolling mill, heater, cold rolling, tube mill

ABSTRACT: This Author's Certificate introduces an installation for heating pipes on cold rolling-reeling tube mills. Two cylindrical heaters are mounted on the spindle in the movable working rolls of the tube mill. The heaters heat the metal at the center of deformation during rolling. The input furnace has a jacket for a liquid or gaseous coolant.

ASSOCIATION: none

SUBMITTED: 04Apr62

ENCL: 01

SUB CODE: IE

Card 1/3

ARKHANGEL'SKIY, A. S.

Journal of technological development. Mashinostroitel' no. 9:45-  
46 S '60. (MIRA 13:9)  
(Engineering--Periodicals)

ARKHANGEL'SKIY, A. S.

USSR/Engineering  
Mining Industry  
Tunnels, Underground-Construction

Jan 48

"Shield Method of Sinking Shafts in Mining Operations," A. G. Tankilevich, Engr,  
Laureate of Stalin Prize; A. S. Arkhangel'skiy, Engr, 5 $\frac{1}{2}$  pp

"Mekh" No 1

Describes use of caisson-type constructions as aid to sinking mine shafts. Also  
briefly discusses the process of making subterranean tunnels using caisson cons-  
truction.

PA 62T41

ARKHANGEL'SKIY, A. S. and PEROV, I. V.

"Achievements of the Donbass Combine in Stepping up Mine Production," Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, No 8, 1950.

Translation, W-14824, 6 Nov 50

1ST AND 2ND EDITIONS      PROCESSES AND PROPERTIES INDEX      3RD AND 4TH EDITIONS

ARKHANGEL'SKIY, A.S.      A

823. RATIONAL DESIGN OF WORKING MEMBERS OF CUTTER LOADERS  
FOR DRIVING (THROUGH ROCK). Arkangcl'skiy, A.S.  
(Ugol (Coal), Apr. 1951, 11, 17). The machines referred to are  
for working at the head of a gallery. The disadvantages of cutters  
rotating about a fixed axis perpendicular to the face and the  
advantages of a planetary arrangement of cutters, are discussed. (L).

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM DIVISION	140000	150000	160000	170000	180000	190000	200000	210000	220000	230000	240000	250000	260000	270000	280000	290000	300000	310000	320000	330000	340000	350000	360000	370000	380000	390000	400000	
FROM SUBJECT																												
FROM AUTHOR																												
FROM TITLE																												

ARXLANCEL'SKIY, A.S. (ENGINEER); VASYAKIN, A.S. (MINING ENGINEER); KISLYAR, YE.O.  
(Mining El. Engineer)

Solikamsk - Potash Industry and Trade

Mechanized mining work at the Solikamsk potash mine. Mekh. trud. rab. 6 no. 5 (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED

ARKANGEL'SKIY, A. S. Eng.

Effective use of combines and loading machines at mines of the Rostovgol'  
combine. Mekh.trud.rab. 6 No. 6, 1952.

SO: MLRA, September 1952

OSTROVSKII, A.S.

9  
0  
0

Fuel Abstracts  
Vol. XV, No.2  
Feb. 1954  
Natural Solid  
Fuels: Winning

989. RESEARCH ON ROCK PRESSURE MAY LEAD TO EARLY PRODUCTION OF MECHANIZED SUPPORTS. *Arkhivirovskii, A.S.* (Ugol (Coal), Aug. 1953, 33-37). Papers to the Institute of Mining, Academy of Sciences, U.S.S.R., by S.B. Ostrovskii, A.D. Ordin, A.E. Il'shtein, V.T. Savitskiy, S.M. Lipkovich, G.A. Erupenikov, and G.N. Kuznetsov on research and design, are summarized. (L).



TERPIGOREV, A.M., akademik, redaktor; ARKHANGEL'SKIY, A.S., otvetstvennyy  
redaktor; RATNIKOVA, A.P., redaktor; ~~ANADOVA, I.I.,~~ tekhnicheskiy  
redaktor

[Study of mine pressure in connection with the use of mechanical  
supports as timbering] Issledovaniia gornogo davleniia primenitel'no  
k mekhanizirovannym krepiam. Moskva, Ugletekhizdat, 1954. 365 p.  
[Microfilm] (MIRA 8:2)

(Mine timbering) (Earth pressure)

ARKHANGEL'SKIY, A.S.; GUMENNIK, Ya.Ya.; CHUGUNIKHIN, S.I.

Cutter-loader with a new working tool. (IA.IA.Gumennik's cutter-loader).  
Ugol' 29 no.6:25-26 Je '54. (MLRA 7:6)

1. Ministerstvo ugol'noy promyshlennosti (for Arkhangel'skiy). 2. Shakhty "Baydayevskaya" (for Gumennik). 3. Giprouglesh (for Chugunikhin).  
(Coal--Mining machinery)

ARKHANGEL'SKIY, A. S.

ARKHANGEL'SKIY, A. S. - "Analytical and Experimental Investigations of the Operating Parts of Sinking Combines (Planetary Operating Parts)." Min Coal Industry USSR. Academy of the Coal Industry. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

So; Knizhnaya Letopis' No 3, 1956

ARKHANGEL'SKIY Andrey Sergeyevich; CHUGUNIKHIN, Sergey Ivanovich; FAYBISO-  
VICH, I.L., redaktor; SABITOV, A., tekhnicheskii redaktor

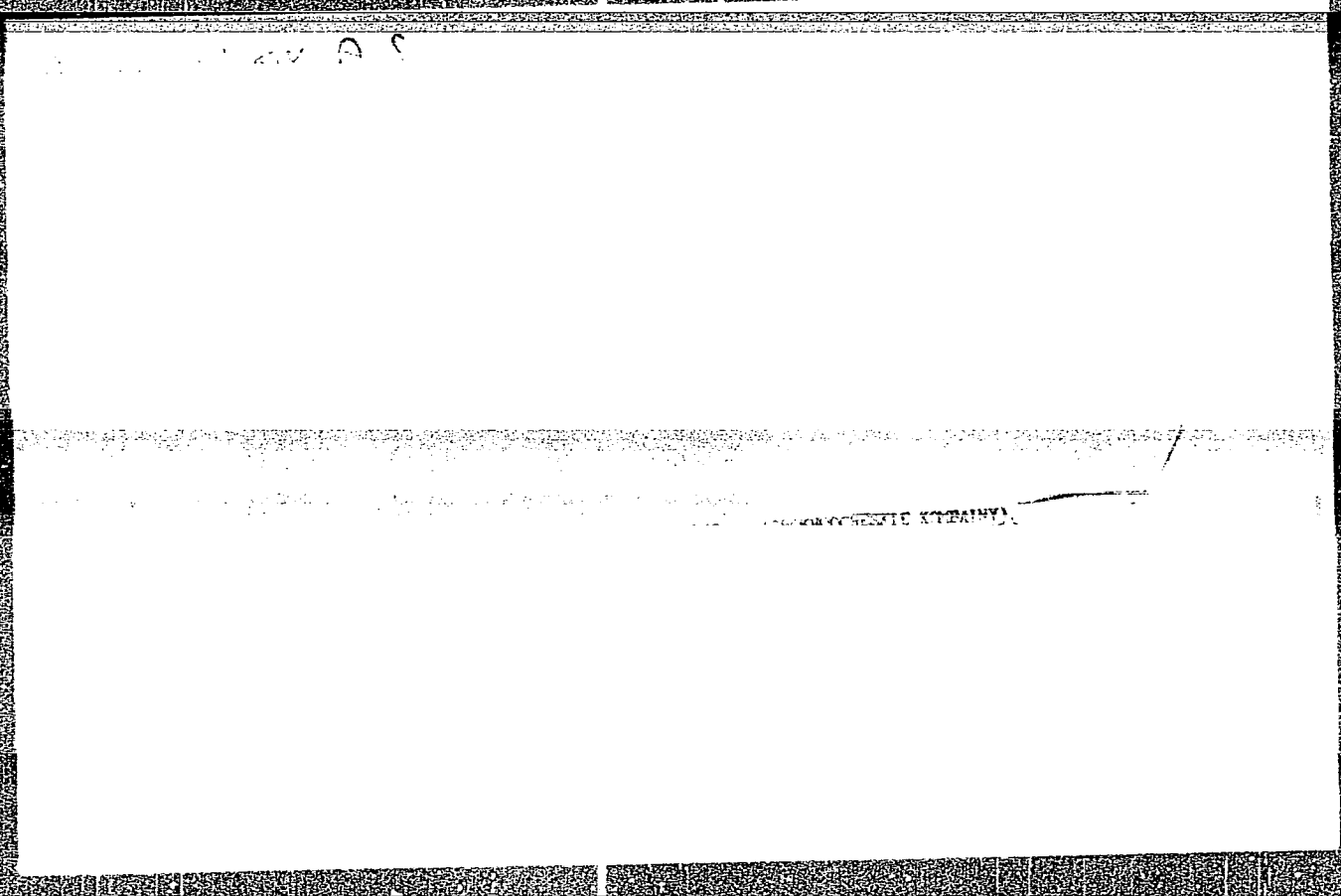
[Gumennik's shaft sinking cutter-loader] Prokhodcheskii kombain  
Gumennika. Moskva, Ugletekhnizdat, 1955. 18 p. (MLRA 9:3)  
(Coal-mining machinery)

ARKHANGEL'SKIY, A.S., inzhener

Cutter-loader for mining. Mekh trud. rab. 9 no.6:43-47 Je '55.  
(Mining machinery) (MLRA 8:6)

ARKHANGEL'SKIY, A.S., kandidat tekhnicheskikh nauk.

Various types of cutter-leaders are needed. Mekh.trud.rab. 9  
no.11:24 N '55. (MIRA 9:2)  
(Coal mining machinery)



Arkhangel'skiy, A.S.

KOGAN, Kopel' Borisovich; KAMYSHEVA, Nina Konstantinovna; REKA,  
Mikhail Dmitriyevich; SUKACH, Vladimir Davydovich; SVETLICHNYY,  
Pavel Luk'yanovich; SHVETS, Vladimir Vasil'yevich; ARKHANGEL'SKIY,  
A.S., otvetstvennyy red.; ASTAKHOV, A.V., red.izdatel'stva;  
IL'INSKAYA, G.M., tekhn.red.

[The KP experimental cutter-loader] Eksperimental'nyi prokhod-  
cheskii kombain KP. Moskva, Ugletekhizdat, 1957. 50 p.  
(MIRA 10:12)

(Coal mining machinery)



ARKHANGEL'SKIY

ALEKSANDROV, B.F., inzh.; BALKOV, V.M., inzh.; BARANOVSKIY, P.I., inzh.;  
 BOGUTSKIY, N.V., inzh.; BUN'KO, V.A., kand.tekhn.nauk, dotsent;  
 VAVILOV, V.V., inzh.; VOLOTKOVSKIY, S.A., prof., doktor tekhn.nauk;  
 GRIGOR'YEV, L.Ya., inzh.; GRIDIN, A.D., inzh.; ZARMAN, L.N., inzh.;  
 KOVALEV, P.F., kand.tekhn.nauk; KUZNETSOV, B.A., kand.tekhn.nauk,  
 dotsent; KUSNITSYN, G.I., inzh.; LATYSHEV, A.F., inzh.; LEYBOV,  
 R.M., doktor tekhn.nauk, prof.; LEYTES, Z.M., inzh.; LISITSYN, A.A.,  
 inzh.; LOKHANIN, K.A., inzh.; LYUBIMOV, B.N., inzh.; MASHKEVICH,  
 K.S., inzh.; MALKHAS'YAN, R.V.; MILOSERDIN, M.M., inzh.; MITNIK,  
 V.B., kand.tekhn.nauk; MIKHEYEV, Yu.A., inzh.; PARAMONOV, V.I.,  
 inzh.; ROMANOVSKIY, Yu.G., inzh.; RUBINOVICH, Ye.Ye., inzh.;  
 SAMOYLYUK, N.D., kand.tekhn.nauk; SMEKHOV, V.K., inzh.; SMOLDY-  
 REV, A.Ye., kand.tekhn.nauk; SNAGIN, V.T., inzh.; SNAGOVSKIY,  
 Ye.S., kand.tekhn.nauk; FEYGIN, L.M., inzh.; FRENKEL', B.B., inzh.;  
 FURMAN, A.A., inzh.; KHORIN, V.N., dotsent, kand.tekhn.nauk; CHET-  
 VEROV, B.M., inzh.; CHUGUNIKHIN, S.I., inzh.; SHEPKOVNIKOV, V.N.,  
 inzh.; SHIRYAYEV, B.M., inzh.; SHISHKIN, N.F., kand.tekhn.nauk;  
 SHPIL'BERG, I.L., inzh.; SHORIN, V.G., dotsent, kand.tekhn.nauk;  
 SHPOKMAN, I.G., doktor tekhn.nauk; SHURIS, N.A., inzh.; TERPIGOREV,  
 A.M., glavnyy red.; TOPCHIYEV, A.V., otv.red.toma; LIVSHITS, I.I.,  
 zamestitel' otv.red.; ABRAMOV, V.I., red.; LADYGIN, A.M., red.;  
 MOROZOV, R.N., red.; OZERNOY, M.I., red.; SPIVAKOVSKIY, A.O.,  
 red.; FAYBISOVICH, I.L., red.; ARKHANGEL'SKIY, A.S., inzh., red.;  
 (Continued on next card)

ALMKSANDROV, B.F.---(continued) Card 2.

BELYAYEV, V.S., inzh.; red.; BUKHANOVA, L.I., inzh., red.; VLASOV, V.M., inzh., red.; GLADILIN, L.V., prof.; doktor tekhn.nauk, red.; GREBTSOV, N.V., inzh., red.; GRECHISHKIN, F.G., inzh., red.; GONCHAREVICH, I.F., kand.tekhn.nauk, red.; GUDALOV, V.P., kand.tekhn.nauk, red.; IGNATOV, N.N., inzh., red.; LOMAKIN, S.M., dotsent, kand.tekhn.nauk, red.; MARTYNOV, M.V., dotsent, kand.tekhn.nauk, red.; POVOLOTSKIY, I.A., inzh., red.; SVETLICHNIYY, P.L., inzh., red.; SAL'TSEVICH, L.A., kand.tekhn.nauk, red.; SPERANTOV, A.V., kand.tekhn.nauk, red.; SHETLER, G.A., inzh., red.; ABARBARCHUK, F.I., red.izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheski spravochnik. Glav.red.A.M.Terpigorev. Chleny glav.redaktsii A.I. Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.7. [Mining machinery] Gornye mashiny. Redkol.toma A.V.Topchiev i dr. 1959. 638 p. (Mining machinery) (MIRA 13:1)

ARKHANGEL'SKIY, A.S., kand. tekhn. nauk; TERE NETSKIY, L.N., mladshiy nauchnyy  
sotrudnik

In the right direction ("Problems of mine haulage; collection  
of articles." Reviewed by A.S. Arkhangel'skii, L.N. Terenetskii).  
Ugol' Ukr. 3 no. 1:43-45 Ja '59. (MIRA 12:1)  
(Mine haulage)

ARKHANGEL'SKIY, A.S.

Over-all mechanization and automatization is the basis of  
technical progress in building underground structures. Osn.,  
fund.1 mekh.grun. no.5:1-3 '59. (MIRA 12:12)  
(Underground construction) (Automatic control)  
(Mining machinery)

ARKHANGEL'SKIY, A.

Changing character of labor due to automation. Sots.trud 4  
no.7:119-121 J1 '60. (MIRA 13:8)

1. Nachal'nik otdela truda i zarabotnoy platy Voronezhskogo zavoda sinteticheskogo kauchuka.  
(Voronezh--Rubber industry) (Automation)

KLYUCHNIKOV, Ivan Ivanovich; ARKHANGEL'SKIY, Andrey Sergeevich; Prinyatiye  
uchastiye: VYSOKOSOV, V.I., SOKOLOV, Yu.L., BALANDINSKIY, Ye.D.;  
SOSNOV, V.D., otv. red.; SILINA, L.A., red. izd-va; IL'INSKAYA,  
G.M., tekhn. red.

[Cutter-loaders PKG-3 and PKG-4] Prokhodcheskie kombainy PKG-3 i  
PKG-4. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu,  
1961. 174 p. (MIRA 14:8)

(Mining machinery)

ARKHANGEL'SKIY, A.S., kand.tekhn.nauk

Mechanization and automation of mining with cutter-loaders. Mekh.i  
avtom. proizv. 1/4 no.10:37-42 O 160. (MIRA 13:10)  
(Mining machinery—Technological innovations)  
(Automation)

KAL'NITSKIY, Yakov Borisovich, kand. tekhn. nauk; ABRAMSON, Khanan Isaakovich, inzh.; RODIONOV, Georgiy Viktorovich, doktor tekhn. nauk; ARKHANGEL'SKIY, A.S., kand. tekhn. nauk, retsenzent; FEYGIN, L.M., otv. red.; FROLOVA, Ye.I., red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Underground mechanical loading] Podzemnaia mekhanizirovan-naia pogruzka. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 196 p. (MIRA 15:3)  
(Mining machinery) (Loading and unloading)



ARKHANGEL'SKIY, A.S., kand. tekhn. nauk; VASIL'YEV, N.V., kand. tekhn. nauk; GORDIYENKO, B.I., inzh.; SAMOYLOV, V.P., kand. tekhn.nauk; TERENETSKIY, L.N., inzh. Primali uchastiye: DEMESHKO, Ye.A., inzh.; KUBENEV, Kh.K., kand. tekhn. nauk; SMORODINOV, M.I., kand. tekhn. nauk; KHRAPOV, V.G., kand. tekhn. nauk; NIKOL'SKIY, I.S., inzh.; KATKOV, G.A., inzh.; VORONTSOVA, N.D., starshiy laborant; BLAGOSLAVOV, Yu.B., kand. tekhn. nauk, nauchnyy red.; SMIRNOVA, A.P., red. izd-va; IGNAT'YEV, V.A., tekhn. red.

[Underground mining in loose rocks] Prokhodka podzemnykh vyra-  
botok v sypuchikh porodakh. Pod obshchei red. A.S.Arkhangel'skogo.  
Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materia-  
lam, 1961. 205 p. (MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut osnovaniy  
i podzemnykh sooruzheniy. 2. Sotrudniki Laboratorii metodov vozve-  
deniya podzemnykh sooruzheniy Nauchno-issledovatel'skogo instituta  
osnovaniy Akademii stroitel'stva i arkhitektury SSSR (for all  
except Blagoslavov, Smirnova, Ignat'yev).  
(Mining engineering)

ARKHANGEL'SKIY, A.S., inzh.

Conference on mine reorganization. Ugol' 37 no.7:55-56 J1 '62.

(MIRA 15:7)

(Coal mines and mining)

ARKHANGEL'SKIY, A.S.

All-Union conference of coal industry workers. Ugol' 39  
no.8:69-73 Ag '64. (MIRA 17:10)

BARON, Lazar' Izrailevich; LOGUNTSOV, Boris Maksimovich; ARKHANGEL'SKIY,  
A.S., otv. red.; LOMILINA, L.N., tekhn. red.

[Analysis of various ways of breaking rocks in connection with  
designing mining cutter-loaders] Analiz razlichnykh sposobov  
razrusheniia gornykh porod primenitel'no k sozdaniiu porodo-  
prokhodcheskikh kombainov. Moskva, TSentr. in-t tekhn. in-  
formatsii ugol'noi promyshl., 1962. 53 p. (MIRA 16:4)  
(Rocks--Testing) (Mining machinery)

Y  
ARKHANGEL'SKIĀ, A. S.

Posobie po organizatsii raboty vokzalov. (Manual on organization of station service).  
Moskva, Gos. transp. zhel-dor. izd-vo, 1950. 332 p. illus. DLC: TF652A7

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

ARKHANGEL'SKIY, A.S.; TSARENKO, A.P., inzhener, redaktor; KHITROV, P.A.,  
tekhnicheskij redaktor.

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(Railroads--Passenger traffic)

ARKHANGEL'SKIY, A.S.; YUDZON, D.M., tekhnicheskiy redaktor; KHITROV, P.A.,  
tekhnicheskiy redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Tariff manual] Tarifnoe rukovodstvo. Moskva, Gos.transp.shel-  
dor. izd-vo. No.1.[Instruction for using tariffs, freight classi-  
fication, general, exceptional, and official tariffs. Effective as  
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1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.  
(Railroads--Rates) (Railroads--Freight)

ARKHANGEL'SKIY, A.S.; KRMYNIN, A.V.; KUCHURIN, S.F.; MASTERITSYN, N.N.;  
SOKOLOV, P.G.; FEYGIN, I.Ya.; KHOKHLOV, L.P.; YANKINA, A.P.; KU-  
CHURIN, S.F., redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Rate book for railroad transportation] Spravochnik po tarifam  
zheleznodorozhnogo transporta. Moskva, Gos.transp. zhel-dor.  
izd-vo, 1955. 326 p. (MIRA 9:3)

(Railroads--Rates)



BRNESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, N.H., kandidat tekhnicheskikh nauk; BYKOV, Ye.I., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSEVSKIY, M.Ye., inzhener; GRUBER, L.O., inzhener; GURVICH, V.G., inzhener; DAVYDOV, V.N., inzhener; YER-SHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVANOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KROTOV, L.B., inzhener; LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., inzhener; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh nauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.N., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PERTSOVSKIY, L.M., inzhener; POPOV, I.P., inzhener; PCRSHNEV, B.G., inzhener; RATNER, M.P., inzhener; ROSSIYEVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSEIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]; TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.M., professor, doktor tekhnicheskikh nauk; CHERNYSHEV, M.A., doktor tekhnicheskikh nauk; MBIN, L.Ye., professor, doktor tekhnicheskikh nauk; YURENEV, B.N., dotsent; AKSENOV, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL'SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BERNGARD, K.A., kandidat tekhnicheskikh nauk; BOROVOY, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., inzhener; BOGDANOV, N.K., kandidat tekhnicheskikh nauk; VIHNIChENKO, N.G., dotsent, kandidat ekonomicheskikh nauk;

(Continued on next card)

BENESHEVICH, I.I.----(continued) Card 2.

VASIL'YEV, V.F.; GONCHAROV, H.G., inzhener; DERIBAS, A.T., inzhener;  
DOBROSMI'LSKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH,  
B.A., kandidat tekhnicheskikh nauk; YEFIMOV, G.P., kandidat tekhnicheskikh nauk; ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P., kandidat tekhnicheskikh nauk; KARFENIKOV, A.D., kandidat tekhnicheskikh nauk; KAPLUN, F.Sh., inzhener; KANSHIN, M.D.; KOCHNEV, F.P., professor, doktor tekhnicheskikh nauk; KOGAN, L.A., kandidat tekhnicheskikh nauk; KUCHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener; MAKSIMOVICH, B.M., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV, M.S., inzhener; MEDEL', O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELEYEV, P.I., kandidat tekhnicheskikh nauk; PETROV, A.P., professor, doktor tekhnicheskikh nauk; POVOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk; SERGHEYEV, Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh nauk; SIMANOVSKIY, M.A., inzhener; SUYAZOV, I.G., inzhener; TAIDAYEV, F.Ya., inzhener; TIKHONOV, K.K., kandidat tekhnicheskikh nauk; USHAKOV, H.Ya., inzhener; USENSKIY, V.K., inzhener; FEL'DMAN, E.D., kandidat tekhnicheskikh nauk; FERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor, doktor tekhnicheskikh nauk; SHAMAYEV, M.F., inzhener; SHAFIRKIN, B.I., inzhener; YAKUSHIN, S.I., inzhener; GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.F., dotsent kandidat tekhnicheskikh

(Continued on next card)

BENESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MARKOV, M.V., inzhener, redaktor; KALININ, V.K.,  
inzhener, redaktor; STEFANOV, V.N., professor, redaktor; SIDOROV, H.I.,  
inzhener, redaktor; GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk,  
redaktor; ROBEL', R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii  
spravochnik zheleznodorozhnika. Moskva, Gos. transp.zhel-dor. izd-vo.  
Vol.10. [Electric power supply for railroads] Energosnabzhenie zhelez-  
nykh dorog. Otv.red. toma K.G.Markvardt. 1956. 1080 p. Vol.13.  
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1. Chlen-korrespondent Akademii nauk SSSR (for Petrov)  
(Electric railroads) (Railroads---Management)

ARKHANGEL'SKIY, A.S., inzhener; KREYNIN, A.V., inzhener.

Ways of improving the system of freight rates. Zhei. dor.  
transp. 38 no.9:33-39 S '56.

(MLRA 9:10)

(Railroads--Rates)

ARKHANGEL'SKIY, A.S., otv.za vypusk; KHITROV, P.A., tekhn.red.

~~Rate Manual No.4~~ Tarifnoe rukovodstvo no.4. No.1 [Tariff  
distances for determining transportation rates for passengers,  
baggage, and freight] Tarifnye rasstoiania dlia opredelenia  
plat za perevozki passashirov, bagazha i gruzov. [Effective as  
of February 1, 1959] Vvedeno v deistvie s 1 fevralia 1959 g. Moskva,  
Gos.transp.shel-dor.izd-vo. 1958. 495 p. (MIRA 12:4)

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ARKHANGEL'SKIY, A.S., otv.ra vypusk; KHITROV, P.A., tekhn.red.

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ARKHANGEL'SKIY, A.S., kand.tekhn.nauk; SAMOYLOV, V.P., kand.tekhn.nauk;  
GORDIYENKO, B.I., inzh.

Tunneling in unstable ground in the Los-Angeles region (from  
"Construction Methods and Equipment," March 1957 "Western  
Construction," April 1956). Shakht.stroi. no.8:26-29 Ag '59.  
(MIRA 12:11)

1. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh  
sooruzheniy.

(United States--Tunneling)

ARKHANGEL'SKIY, A.S., otv. za vypusk; BOEROVA, Ye.N., tekhn. red.

[Price list No.10-01 of railroad freight rates; tariff directive Nos.1 and 2 of the Ministry of Railroad Transportation; rules of tariff application, freight classification, general, special, and official tariffs; Alphabetical index of freight classification] Preiskurant No.10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnye rukovodstva No. 1 i 2 Ministerstva putei soobshchenia: Pravila primeneniia tarifov, nomenklatura gruzov, obshchie iskliuchitel'nye i sluzhebnyi tarif; alfavit k nomenklature gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko poligr. ob"edinenie M-va putei soobshchenia, 1960. 199 p. (MIRA 15:4)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya. (Railroads--Rates)



ARKHANGEL'SKIY, A.S., otv. za vypusk; BOBROVA, Ye.N., tekhn. red.

[Price List No.10-01 for railroad freight rates. Tariff directive No.3 of the Ministry of Railroad Transportation: calculation tables of rates for freight transportation]  
Preiskurant No.10-01 tarifov na gruzovye zheleznodorozhnye perevozki. Tarifnoe rukovodstvo No.3 Ministerstva putei soobshchenia: raschetnye tablitsy plat za perevozki gruzov. Vvoditsia v deistvie s 1 ianvaria 1961 g.... Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1960. 214 p. (MIRA 15:4)

1. Russia (1923- U.S.,S.R.) Ministerstvo putey soobshcheniya.  
(Railroads--Rates)

ARKHANGEL'SKIY, Anatoliy Serapionovich; IVLIYEVA, I.V., red.; POTAPOVA,  
V.P., red.; KARPOVA, N.L., red.; BOBROVA, Ye.N., tekhn.red.

[Transportation rates] Transportnye tarify. Moskva, Vses.  
izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia, 1960.  
290 p. (MIRA 13:12)

(Transportation--Rates)

ARKHANGEL'SKIY, A.S.; SAMOYLOV, V.P.

Underground workings in unstable grounds in England and Canada.  
Osn., fund. i mekh. grun. 3 no.1:25-27 '61. (MIRA 14:3)  
(England--Tunneling) (Canada--Tunneling)

16(1) SOV/20-126-2-3/64  
 AUTHOR: Arkhangel'skiy, A.  
 TITLE: Addition Theorem for the Weight of Sets Lying in Bicomponents  
 PERIODICAL: Doklady Akademii nauk, 1959, Vol 126, Nr 2, pp 239-241 (USSR)  
 ABSTRACT: Definition: The totality  $\mathcal{T}$  of sets lying in the space  $X$  is called a net of  $X$  if to every point  $x$  of  $X$  and to every neighborhood  $O_x \ni x$  there exists a set  $\Gamma_x \in \mathcal{T}$  so that  $x \in \Gamma_x \subseteq O_x$  is valid.  
 Principal result: If in a bicomponent  $Z$  there exists a net with the cardinality  $\leq \mathfrak{C}$ , then in  $Z$  there exists a basis with the cardinality  $\leq \mathfrak{C}$  too.  
 Conclusion: The weight of the bicomponent is not greater than its cardinality.  
 Theorem: Let  $Y$  be locally bicomponent and  $Y = fX$ , where  $f$  is a continuous mapping of a certain  $T_1$ -space  $X$  onto  $Y$ . Then the weight of  $Y$  is not greater than the weight of  $X$ .

Card 1/2

Addition Theorem for the Weight of Sets Lying  
in Bicomacts

SOV/20-126-2-3/64

Four further similar theorems are formulated, among them a  
generalization of the results of Yu.M.Smirnov [Ref 2].  
The author mentions P.S.Aleksandrov, and P.S.Uryson.  
There are 2 references, 1 of which is Soviet, and 1 Polish.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova  
(Moscow State University imeni M.V.Lomonosov)

PRESENTED: January 22, 1959, by P.S.Aleksandrov, Academician

SUBMITTED: January 14, 1959

Card 2/2

ARKHANGEL'SKIY, A.; TAYMANOV, A.

In connection with Fonomarev's theorem. Dokl. AN SSSR 135 no.2:  
247-248 N '60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet im.M.V.Lomonosova i  
Institut mekhaniki Sibirskogo otdeleniya AN SSSR. Predstavleno  
akademikom P.S. Aleksandrovym.  
(Topology)

ARKHANGELSKIY, A.

On the metrization of topologic spaces. Bul Ac Pol mat 8 no.9:589-595  
'60.

1. Katedra Vyshey Geometrii i Topologii Moskovskogo gosudarstvennogo  
universiteta. Presented by P. S. Alexandrowicz.

(Spaces, Generalized)

AUTHOR: Arkhangel'skiy, A.

S/020/60/132/05/02/069

TITLE: Dimensionality Coincidence Between  $\text{ind } G$  and  $\text{dim } G$  for  
Locally Bicomact Groups  $\downarrow$

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 5,  
pp. 980-981

TEXT: Theorem 1: A locally bicomact group is strongly paracompact.

Theorem 2: For an arbitrary locally bicomact topological group  $G$  it  
is  $\text{dim } G = \text{ind } G$ .

Theorem 3: A free topological group of the bicomact is finally compact  
and consequently strongly paracompact.

B. Pasyukov, Yu. M. Smirnov and M. J. Grayev are mentioned in the paper.

The author thanks P. S. Aleksandrov, Academician for the subject.

There are 6 references: 4 Soviet, 1 French and 1 Japanese.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M. V.  
Lomonosova (Moscow State University imeni M.V.Lomonosov)

PRESENTED: February 26, 1960, by P. S. Aleksandrov, Academician

SUBMITTED: February 20, 1960

Card 1/1

✓ B



#1216

S/020/60/132/03/01/066

16. 54.00  
AUTHOR: Arkhangel'skiy, A.

TITLE: External Bases of Sets Lying in Bicomacts

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 3, pp. 495-496

TEXT: Let  $X, Y$  be subspaces of  $R$ . A system  $B_Y^X$  of open sets of  $R$  is called a base of  $X$  with respect to  $Y$  if to every point  $x \in X$  and each of its neighborhoods  $O_x$  (in  $R$ ) there exists a  $\Gamma_x \in B_Y^X$  so that  $x \in \Gamma_x$  and

$\Gamma_x \cap Y \subseteq O_x$ . Special case b)  $X \subset Y$ ; then:

$B_Y^X$  is an outer base of  $X$  in  $Y$ .

Principal theorem: Let  $X \subseteq \Phi$ ,  $\Phi$  - bicomact,  $X$  - Borel set of the type  $G(\tau)$  in  $\Phi$ . Then, from the existence of a net of the space  $X$  with the cardinality  $\tau$  there follows the existence of an outer base of  $X$  in  $\Phi$  which has the same cardinality  $\tau$ .

The author thanks P.S. Aleksandrov for the leading of the work. There is 1 Soviet reference.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova  
(Moscow State University imeni M.V. Lomonosov)

Card 1/2

81213

External Bases of Sets Lying in  
Bicomponents

S/020/60/132/03/01/066

PRESENTED: January 22, 1960, by P.S. Aleksandrov, Academician

SUBMITTED: January 19, 1960

Card 2/2

6005831

ARKHANGEL'SKIY, A.V.

Topological spaces, full in Čech's sense. Vest. Mosk. un. Ser. 1:  
Mat., mekh. 16 no.2:37-40 Mr-Apr '61. (MIRA 14:4)

1. Kafedra vysshey geometrii i topologii Moskovskogo universiteta.  
(Topology)

ARKHANGELSKIY, A. V.

"O Metrizatsiyto Pologicheskikh Prostranstv"

Report submitted for Symposium on General Topology and its relations to modern Analysis and Algebra, Prague, 1-8 Sep 61

ARKHANGEL'SKIY, A.V.

k-Dimensional metrizable spaces. Vest.Mosk.un.Ser.1:Mat., mekh.  
17 no.2:3-6 Mr-Apr '62. (MIRA 15:6)

1. Kafedra vysshey geometrii i topologii Moskovskogo gosudarstvennogo  
universiteta.  
(Distance geometry) (Topology) (Spaces, Generalized)

ARKHANGEL' SKIY, A. V.

Dissertation defended for the degree of Candidate of Physicomathematical Sciences at the Mathematical Institute imeni V. A. Steklova 1962:

"Netrization of Topological Spaces and Related Problems of General Topology."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

ARKHANGEL'SKIY, A.V.

Some metrization theorems. Usp. mat. nauk 18 no.5:139-145 S-O  
'63. (MIRA 16:12)

ARKHANGEL'SKIY, A.V. (Moskva)

A class of spaces containing all metric and all locally bicomact spaces. Mat. Sbor. 67 no.1:55-88. My '65. (MIRA 18:5)



ARKHANGEL'SKIY, A.V.

Bicompact sets and the topology of spaces. Trudy Mosk. mat.  
ob-va 13:3-55 '65. (MIRA 18:9)

ARKHANGEL'SKIY, A.V. (Moskva)

On closed mappings, bicomact sets, and a problem of  
P.S. Aleksandrov. Mat. sbor. 69 no.1:13-34 Ja '66.

1. Submitted Feb. 27, 1965.

(MIRA 19:1)

ARHANGEL'SKIY, A. V.

ARHANGEL'SKIY, A. V. "On the pathological history of antifreeze poisoning",  
Trudy Sarst. gos. med. in-ta, Vol. VI, 1947, p. 329-35.

So: U-4631, 16 Sept. 35, (Letopis 'Zhurnal' nykt Staley, No. 24, 1949).

ARKHANGEL'SKIY, Arkadiy Vasilyevich

Morphological changes of Eye connected with Hypertonical Disease  
and with Chronic Nephritis

Dissertation for Candidates of Medical Science degree, Chair of Pathological  
Anatomy (head, Prof. A.M. Antonov) Saratov Medical Institute, 1950

ARKHANGEL'SKIY, A.V.

Morphological changes of the eyes in hypertension and in chronic nephritis. Arkh. pat., Moskva 14 no.3:38-46 May-June 1952. (GLML 23:2)

1. Of the Department of Pathological Anatomy (Head -- Prof. A. M. Antonov), Saratov Medical Institute.

ARKHANGEL'SKIY, A.V., (Saratov)

Modifications of arteriovenous anastomoses of the heart in hypertension. Arkh.pat. 17 no.3:45-51 J1-S '55(MIRA 8:12)

1. Iz kafedry patologicheskoy anatomii (zav.-prof. A.M.Antonov) Saratovskogo meditsinskogo instituta.

(HYPERTENSION, pathology,  
heart arteriovenous anastomoses)

(HEART, blood supply,  
arteriovenous anastomoses in hypertension)

MALKINA, M.G., kandidat meditsinskikh nauk (Saratov); ARKHANGEL'SKIY, A.V.,  
kandidat meditsinskikh nauk (Saratov)

Psychic disorders in cerebro-hypophysial cachexia. Probl.endok. i  
gorm. 2 no.1:3-7 Ja-F '56. (MLRA 9:10)

1. Iz kafedry psikhiatrii (zav. - prof. M.P.Kutanin) i kafedry  
patologicheskoy anatonii (zav. - prof. A.M.Antonov) Saratovskogo  
meditsinskogo instituta.

(SIMMONDS' DISEASE, complications,  
ment. disord. (Rus))

(MENTAL DISORDERS, etiology and pathogenesis,  
Simmonds' dis. (Rus))

ARKHANGEL'SKIY, A.V. (Saratov, 6-y Novouzenskiy proyezd, d.9, kv.2)

Structure of minute subepicardial veins of the heart [with summary  
in English]. Arkh.anat.gist. i embr. 34 no.6:32-37 N-D '57.  
(MIRA 11:3)

1. Kafedra patologicheskoy anatomii (zav.-prof. A.M.Antonov)  
Saratovskogo gosudarstvennogo meditsinskogo instituta.  
(PERICARDIUM, blood supply  
minute subepicardial veins, structure)



ARKHANGEL'SKIY, A.V. (Saratov)

Case of cardiovascular amyloidosis. Arkh.pat. 21 no.2:70-74 '59.

(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.M. Antonov)  
Saratovskogo meditsinskogo instituta.

(AMYLOIDOSIS, case reports,  
cardiovasc. (Rus))

(CARDIOVASCULAR DISEASES, case reports,  
amyloidosis (Rus))

ARKHANGEL'SKIY, A.V. (Saratov)

Changes in the papillary muscles of the heart in myocardial  
infarct. Arkh. pat. 21 no.9:48-54 '59. (MIRA 14:8)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.M.Antonov)  
Saratovskogo meditsinskogo instituta.  
(HEART--INFARCTION)

ARKHANGEL'SKIY, A.V.; MAKSIMOVA, A.V.

Case of lymphosarcoma in combination with leucosis. Vop. okh. mat. i  
det. 6 no.8:83-85 Ag '61. (MIRA 15:1)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.M. Antonov)  
Saratovskogo meditsinskogo instituta i 1-y Detskoj infektsionnoy  
bol'nitsy (glavnyy vrach V.A. Budunova).  
(HODGKIN'S DISEASE) (LEUCOSIS)

ARKHANGEL'SKIY, A.V.; ISUPOV, I.V. (Saratov)

Histochemical changes in myocardial infarction during its  
healing. Arkh. pat. 27 no.3:25-30 '65.

(MIRA 18:5)

1. Kafedra patologicheskoy anatomii (zav. - prof. A.M. Antonov)  
Saratovskogo meditsinskogo instituta.

ARKHANGEL'SKIY, A.V., inzh. (g.Belovo)

How to make better use of ballast cleaners. Put' 1 put.khoz.  
4 no.3:19-20 Mr '60. (MIRA 13:5)  
(Ballast(Railroads)--Maintenance and repair)

FEDOSOV, N. M., prof.; ASTAKHOV, E. G., kand. tekhn. nauk; KRUPIN, A. V.,  
kand. tekhn. nauk; ARKHANGEL'SKAYA, K. Yu., inzh.; ARKHANGEL'SKIY,  
A. V., inzh.; YELIN, I. I., inzh.; KONTSEVAYA, Ye. M., inzh.

Investigating specific pressure during the cold rolling of  
high-alloy steel. Sbor. Inst. stali i splay. no.40:107-129  
'62. (MIRA 16:1)

(Rolling(Metalwork))  
(Pressure—Measurement)

L 1704-66 EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) LJP(a) JD/HW

ACCESSION NR: AP5020978

UR/0148/65/000/008/0073/0079

AUTHOR: Polukhin, P. I.; Arkhangel'skiy, A. V.; Knyshev, Yu. V.; Masterov, V. A.

TITLE: Experimental study of the mechanics of rolling bimetal

SOURCE: IVUZ. Chernaya metallurgiya, no. 8, 1965, 73-79

TOPIC TAGS: bimetal, metal rolling, sheet metal, aluminum, copper, metal cladding

ABSTRACT: This study in the rolling of bimetal was conducted to provide information for selection of proper thicknesses of the initial metal sheets to give the required relative thickness in the final bimetal. The effect of the initial ratio of sheet thicknesses and the effect of total thickness on the strain and force parameters of the rolling process were examined using bimetal of aluminum A000 and electrolytic copper of equal thickness to make up sandwiches 2, 3, 5, 10, 15 and 20 mm thick, and using sandwiches in which the aluminum: copper thickness varied from 0.13 to 6.70. Deformation irregularities are reduced as the total thickness is reduced to 5 mm. The anomalous increase in irregularities below

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L 1704-66

ACCESSION NR: AP5020978

this thickness was attributed to the greater deformation of aluminum in comparison to copper as sheet thickness is reduced. The pressure of the rolls is greater on copper than on aluminum of equivalent thickness, and specific pressures are minimum on sandwiches about 10 mm thick. As the thickness of the copper sheet in a 10 mm sandwich is decreased its deformation is reduced, and when the aluminum: copper ratio reaches 5.2-6.7 the sheets do not laminate. The distribution of torque between the rolls for bimetal over 5 mm thick was examined, but further study is required for thinner bimetals. The forward slip on aluminum is always greater than on copper when rolling bimetal, and as the initial thickness is increased from 2 to 13 mm the slip on copper is reduced to zero. Measurements of the contact arc between the metal sheets and the rolls showed that its length is determined by sandwich thickness, the amount of reduction per pass, and the ratio of the mechanical properties of the sheets and their thicknesses. Because of the complexity of the effects associated with the deformation of bimetal, further study of the specific pressure and of friction force diagrams is required. Orig. art. has: 5 figures

Card 2/3



L 1704-66

ACCESSION NR: AP5020978

ASSOCIATION: Moskovskiyy institut stali i splavov (Moscow Institute for Steels  
and Alloys) *44,55* *3*

SUBMITTED: 29Apr65

ENCL: 00

SUB CODE: MM

NR REF SOV: 002

OTHER: 000

*mlb*  
Card 3/3

L 20778-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(l) IJF(c)  
ACC NR: AP6005558 JD/HW/JH SOURCE CODE: UR/0148/65/000/010/0080/0083

AUTHOR: Polukhin, P. I.; Arkhangel'skiy, A. V.; Knyshev, Yu. V.; Masterov, V. A. 49  
B

ORG: Moscow Institute of Steel and Alloys (Moskovskiy institut stali i splavov)

TITLE: Certain features of the rolling of bimetal strip 10

SOURCE: IVUZ. Chernaya metallurgiya, no. 10, 1965, 80-83

TOPIC TAGS: bimetal, metal rolling, aluminum, copper, yield strength, plastic deformation

ABSTRACT: Reduction in area during rolling was investigated for a 40 mm wide Al-Cu strip as a function of the initial mechanical properties of each metal (as modified by preliminary peening or annealing) and the rate of their strain hardening during rolling. Owing to preliminary peening the initial ratio between the yield points of Cu and Al,  $\sigma_{sCu}/\sigma_{sAl}$ , was 0.8 (peened Al, Al, annealed Cu) and 17 (peened Cu, annealed Al). The distribution of total reduction in area between the layers of the strip, the total and mean unit pressure, the linear pressure per unit width of the strip, the distribution of pressure over the arc of contact with the roll and the length of that arc, and the torque on the rolls were investigated in a rolling mill with 27 27

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UDC: 621.771.23.01

L 20778-66

ACC NR: AP6005558

rolls of 170-mm diameter. It was found that, when rolling a strip with layers of a thickness ratio of 1:1, the mean unit pressure is sufficiently closely equal to the mean yield point of the strip; thus, the averaged yield point for both layers of the strip may be used for the approximate calculation of rolling stresses. Equality of torques on both rolls was observed for the case of a 45% reduction in area, when the mean radial pressures on Al and Cu differed, and when the corresponding linear pressures on the rolls also differed; this proves yet again the need to take into account the asymmetry of deformation of the strip. The length of the arc of contact with the roll also differed, being greater for the layer with the greater deformation resistance (Al). Orig. art. has: 5 figures.

SUB CODE: 11, 13/ SUBM DATE: 20Jul65/ ORIG REF: 000/ OTH REF: 000

Card 2/2 vmb

ARKHANGEL'SKIY, A.V.

Motion pictures as a textbook in geography. Geog.v shkole no.2:  
36-38 Mr-Ap '54. (MLRA 7:2)  
(Motion pictures in education) (Geography--Study and teaching)

L 08725-67 EWT(d)/EWP(1) IJP(c) BB/GG  
ACC NR: AP6033216 SOURCE CODE: UR/0142/66/009/004/0492/0496

AUTHOR: Arkhangel'skiy, A. Ya.; Lebedev, V. I.; Post, Yu. N.

ORG: none

44

TITLE: <sup>16c</sup> Register with silicon transistors in a microregime

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 4, 1966, 492-496

TOPIC TAGS: computer memory, transistorized circuit, TRIGGER CIRCUIT

ABSTRACT: A low-power, solid-state dynamic register is described. The register (see Fig. 1.) uses P502 V transistors and D523 B diodes. MLT resistors R and R<sub>1</sub> are 30 and 100 kΩ, respectively. Each trigger uses about 1 mw of power; adjacent stages are coupled with diodes. The fan-out of the register is three (n = 3). A five-stage register was tested with n = 3 and 4. The lower limit of the clock oscillator pulse amplitude was raised (nominal amplitude is 8 v) for n = 4 at an operating temperature of 22C; it was further raised for a temperature of -60C. The operating temperature range of the register is ±60C.

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UDC: 621.374.325.4:621.382.3

L 08725-67

ACC NR: AP6033216

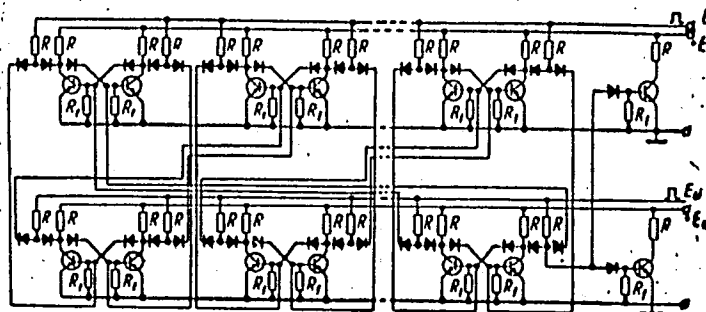


Fig. 1. Schematic diagram of an n-stage register

Resistor and supply voltage tolerances are  $\pm 20\%$ . The total power consumption of the register is 10 mw. Orig. art. has: 4 figures and 2 tables.

SUB CODE: 09/ SUBM DATE: 23Nov64/ ORIG REF: 001/ OTH REF: 004

Card 2/2 nat

АРХАНГЕЛЬСКИЙ, Б. А.

ARKHANGEL'SKIY, B. A.

Operation of boiler plants on "Donbass"-type ships. Mor. flot  
17 no.10:25-26 0 '57. (MIRA 10:12)

1. Starshiy mekhanik parokhoda "Severnaya Zemlya."  
(Donbass (Ship))  
(Boilers, Marine)

~~ARKHANGEL'SKIY, Boris Aleksandrovich; AL'SHITS, Isaak Moiseyevich;~~  
~~KAMESHKOV, K.A., nauchnyy red.; KAZAROV, Yu.S., red.;~~  
ERASTOVA, N.V., tekhn.red.

[Sailing vessels built of plastics] Suda iz plastmass.  
Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1959.

83 p.

(Shipbuilding--Supplies) (Plastics)

(MIRA 12:12)



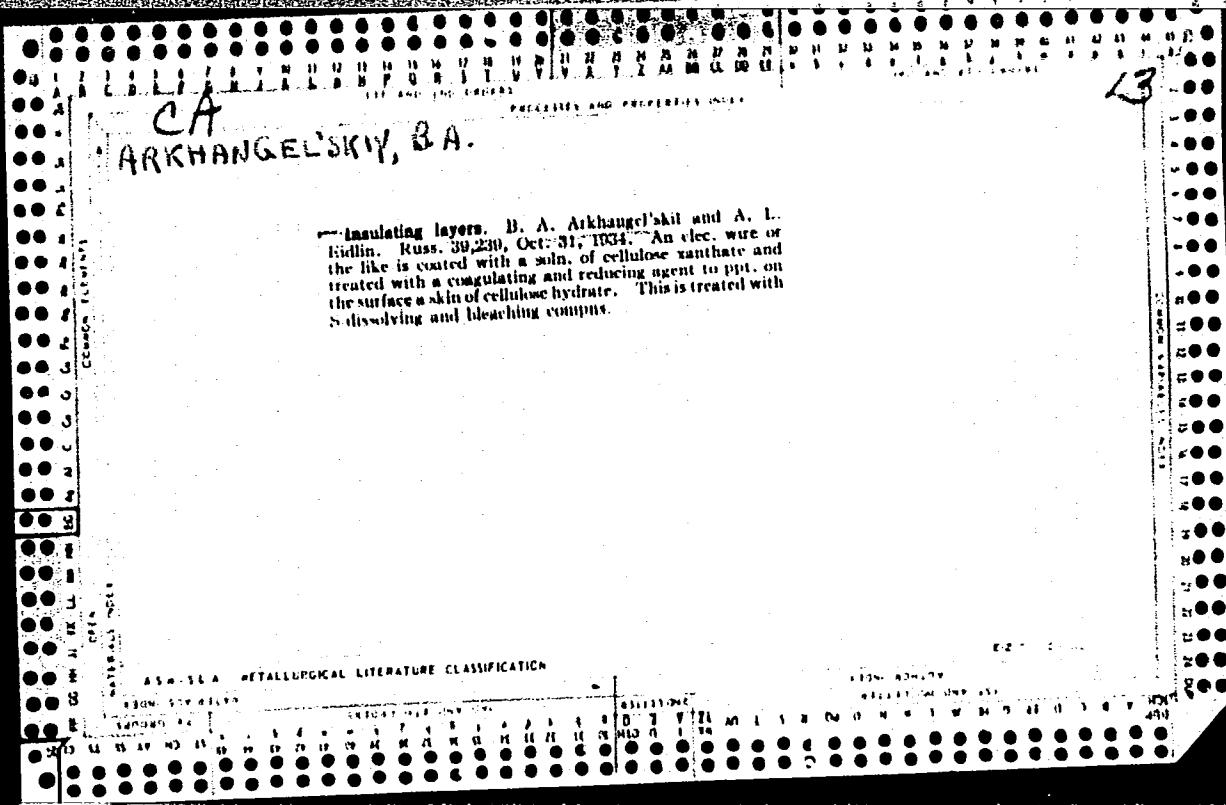
*Research*  
~~ARKHANGEL'SKIY, Boris Aleksandrovich, zasluzhennyy deyatel' nauki;~~  
SPERANSKIY, Georgiy Nesterovich, zasluzhennyy deyatel' nauki;  
GRANAT, N.Ye., red.; OSTROVSKAYA, I.M., red.; ZUYEVA, N.K.,  
tekhn.red.

[Mother and child; school for the young mother] Mat' i ditia;  
shkola molodoi materi. Moskva, Gos.izd-vo med.lit-ry, 1959.  
155 p. (MIRA 12:12)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Arkhangel'skiy, Speranskiy).  
(PREGNANCY) (INFANTS--CARE AND HYGIENE)

ARKHANGEL'SKIY, Boris Aleksandrovich; SERDYUKOV, M.A., nauchnyy redaktor;  
LAPIN, V.I., redaktor; LEVCHIKINA, L.I., tekhnicheskiy redaktor

[Nonmetallic marine bearings] Nemetallicheskie sudovye podshipniki.  
Leningrad, Gos.soiuznoe izd-vo sudostroitt. promyshl., 1957. 127 p.  
(Bearings (Machinery)) (MLRA 10:10)



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

1ST AND 2ND ORDERS      PROCESSES AND PROPERTIES INDEX      3RD AND 4TH ORDERS

ARCHANGEL'SKIY, B. A.      13

CA

The antifriction properties of plastic materials. B. A. Arkhangel'skii and P. M. Podduev. *Narodnyi Komitet Tsvetel' Prom. S. S. S. R., Nauch.-Issledovatel. Inst. Plastikobitkh Mass., Plastikobit Massy, Sbornik 2, 658-66(1957).*—PhOH-CH<sub>2</sub>O plastics evenly dispersed through a filler make satisfactory bearing surfaces. H. M. Leicester

COMP. ELEMENTS

MATERIAL INDEX

ASH-11A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOL      SECOND MAP ONLY      MILLSTONE      THIRD MAP ONLY

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