"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, F.S.

Indices of the physical volume of silk weaving production. Tekst. prom. 21 no.9:38 S '61. (MIRA 14:10)

1. Starshiy ekonomist proizvodstva No.2 Kirzhachskogo shelkokombinata. (Silk manufacture)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

TAYCHINOV, S.N., prof.; VANYUKOV, Ya.I.; GALIMOV, G.F.; KURCHEYEV, F.A.; CHMELEV, M.P.; GARIFULLIN, F.Sh.; BURANGULOVA, M.N.; MOSEYEVA, Z.V.; SHAROVA, A.S.; CHMELEV, M.P.; MAZILKIN, I.A.; GIZZATULLIN, S.G.; DOBROV, A.V.; KUZNETSOV, F.V.; FILATOV, L.P., red.; KOBYAKOV, I.A., tekhn.red.

[Soils of the Mazhita Gafuri Collective Farm and their efficient utilization] Pochvy kolkhoza imeni Mazhita Gafuri i puti ikh ratsional'nogo ispol'zovaniia. Pod red. S.N.Taichinova. Ufa, 1960. 124 p. (MIRA 14:1)

1. Akademiya nauk SSSR. Bashkirskiy filial, Ufa. Institut biologii.
(Bashkiria--Soils)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KOVALENKO, Ye.V., gornyy inzh.; KUZNETSOV, F.V., gornyy inzh.

Systems of mining thick flat seams of the Norilsk deposit.
Ugol' 37 no.5:17-24 My '62. (MIRA 15:6)

1. Noril'skiy gornometallurgicheskiy kombinat.
(Tunguska Basin—Coal mines and mining)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KOVALENKO, Ye.V.; KUZNETSOV, F.V.

Selection of an efficient system of mining thick, flat seams in the Noril'sk coal deposit. Trudy Inst. gor. dela Sib. otd. AN SSSR no.5:82-111 '64. (MIRA 17:11)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G., inzh.

Checking operative condition of engines without dismantling.
Avt. transp. 43 no.12:26-28 D '65. (MIRA 18:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

GERASIMOV, V.D.; KUZNETSOV, G.A.

Pulse apparatus for measuring the absorption and velocity of ultrasound in polymers. Plast. massy no.11:54-56 '63.
(MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

GERASIMOV, V.D.; KUZNETSOV, G.A.

Obtaining a viscoplastic state for crystalline polymers below the melting point by mechanical means. Vysokom. soed. 5 no.12:1843-1846 D '63. (MIRA 17:1)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

GERASIMOV, V.D.; KUZNETSOV, G.A.; FOMENKO, L.N.

Apparatus for the thermomechanical study of polymers. Zav.lab. 29 no.8:996-997 '63. (MIRA 16:9)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

(Polymers—Thermal properties)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

[redacted]

[redacted] polymer, amorphous polymer [redacted] polymer, powdered polymer, polyvinyl chloride, polystyrene, polymethylmethacrylate, [redacted]

[redacted] pressed at room temperature into cylinders 10 mm in diameter and 4-5 mm high, under [redacted]

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

ACCESSION NR: AP4030354

The obtained thermomechanical curves of the ... lymers revealed

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

ACCESSION NR: AP4042187 S/0190/64/006/007/1261/1266

AUTHOR: Kuznetsov, G. A., Gerasimov, V. D., Sokolov, L. B.

TITLE: Investigation of the pressure sintering of powdered polymers. I. Ultrasonic evaluation of the change in contact between the particles of polymer powders

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 7, 1964, 1261-1266

TOPIC TAGS: polymer, powdered polymer, ultrasound, sintering, polymer particle contact, polymer structure, amorphous polymer, crystalline polymer

ABSTRACT: The measurement of the absorption and velocity of ultrasound passing through samples of polymer powder subjected to different degrees of pressure clarifies many problems concerning the mechanism of coalescence of materials, their imperfections (such as pores, voids, density variations) and the kinetics of their changes (in size and amount of imperfection during sintering). Kapron, polyhexamethylene oxamide, polyhexamethylene terephthalamide, polyvinyl chloride and polystyrene samples (5-7 mm thick, 30 mm in diameter for amorphous and 10 mm in diameter for crystalline polymers) were investigated. During the sintering of amorphous polymers under pressure, complete contact between the particles of polymer

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ACCESSION NR: AP4042187

powder is attained over the softening temperature range. For crystalline polymers, no complete contact is obtained before melting. Their sintering below the melting point is due to the softening of the amorphous part. The annealing of crystalline powdered polymers renders sintering difficult. The curves plotted for the absorption and velocity of ultrasound for amorphous polystyrene and polyvinyl chloride samples against molding temperature at different frequencies show a sharp break. By increasing the frequency of the ultrasound, the beginning of the break is shifted toward higher temperatures and the sharpness of the break is increased. The variation in the steepness of the curves is explained by the correlation between the size of imperfections and the ultrasonic wavelength, assuming that there is a scattering of ultrasound on these imperfections due to powder particles or air inclusions. The velocity of ultrasound was near 2300 m/sec, at a frequency of 1 Mc/sec. for both polyvinyl chloride and polystyrene. This gives $\lambda = 2.3$ mm, and at 10 Mc/sec. $\lambda = 0.23$ mm. For crystalline polymer such as kapron, no plateau was found in the ultrasonic velocity-molding temperature plots, but after the inflection of the curve a monotonous rise was observed which becomes more pronounced in the melting temperature range. The curves and experimental data for amorphous and crystalline polymers are compared and discussed in detail. Orig. art. has: 4 figures, 1 table and 2 formulas.

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Card

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

ACCESSION NR: AP4042187

ASSOCIATION: Nauchno-issledovatel'skiy institut sinteticheskikh smol, Vladimir (Scientific Research Institute for Synthetic Resins)

SUBMITTED: 02Aug63 ENCL: 00

SUB CODE: OC, MT NO REF SOV: 004 OTHER: 001

3/3
Card

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

L 00744-66 EPF(c)/EWT(m)/EWP(j)/T RPL RM/WW

ACCESSION NR: AP5020960 UR/0190/65/007/008/1297/1300

AUTHOR: Movsum-Zade, A. A.; Kuznetsov, G. A.; Fomenko, L. N.; Livshits, R. M.; Konkin, A. A.; Rogovin, Z. A.

TITLE: Plasticization of cellulose triacetates by grafting on polybutylacrylate

SOURCE: Vysokomolekulyarnyye soyedineniya. v. 7. no. 8, 1965, 1297-1300

TOPIC TAGS: plasticization, block copolymer, thermomechanical property, copolymerization

ABSTRACT: Plasticization of rigid polymers by graft copolymerization with incompatible flexible polymers was investigated. Cellulose triacetate-polybutylacrylate graft copolymers with different compositions were obtained by acetylating previously synthesized cellulose-polybutylacrylate graft copolymers. The latter were synthesized with the aid of an oxidation-reduction system using Ce^{+4} salts. Acetylation was carried out in homogeneous medium in the presence of $HClO_4$ as catalyst. The thermomechanical properties of mechanical mixtures of cellulose triacetate with polybutylacrylate (which is incompatible with the former) and of the graft copolymers were investigated. It was impossible to differentiate be-

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L 00744-66

ACCESSION NR: AP5020960

6

tween the graft copolymers and the mechanical mixes of the homopolymers. Plasticization in either system takes place according to a structural mechanism. Orig. art. has: 1 figure and 1 table

4455

ASSOCIATION: Moskovskiy tekstil'nyy institut (Moscow Textile Institute) Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol (Vladimir Scientific Research Institute of Synthetic Resins)

4455

SUBMITTED: 06Jul64 ENCL: 00 SUB CODE: MT, GC

NR REF SOV: 010 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

L 2928-66 EWT(m)/EPF(c)/EWP(j)/T/EWA(c)/ETC(m) WW/RM

ACCESSION NR: AP5022606 UR/0190/65/007/009/1592/1596
678.01:53+678.675

AUTHORS: Kuznetsov, G. A.; Gerasimov, V. D.; Fomenko, L. N.; Maklakov, A. I.; Pimenov, G. G.; Sokolov, L. B.

TITLE: The nature of the transitions in polymetaphenyleneisophthalamide

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 9, 1965, 1592-1596

TOPIC TAGS: polymer, resin, thermomechanical property, x-ray, nuclear magnetic resonance, thermal stability, phenylone

ABSTRACT: The nature of the transitions of polymetaphenyleneisophthalamide (phenylone) was investigated by thermomechanical, differential thermal, x-ray, and nuclear magnetic resonance methods. It was desired to determine the best conditions for producing polymers of high thermal stability with improved film and fiber properties. A powdery specimen with a viscosity higher than 1.0 in sulfuric acid and a 5% moisture content was used. The experimental conditions are described. It was found that the initially amorphous phenylone crystallizes upon heating. The thermomechanical curves plotted at a load of 0.8, 6, and 1000 kg/cm^2 show that the glass temperature of phenylone is 280C. The x-ray

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L 2928-66

ACCESSION NR: AP5022606

diagrams of amorphous and crystalline phenylone were taken at 26, 100, 286, 356, and 433C. The thermomechanical curve is interpreted on the basis of the data of differential thermal analysis and of x-ray study. After softening at 300C, the polymer starts to crystallize. The range of steady deformation lying at 340-400C corresponds to the crystalline state of phenylone. Heating above 400C causes decomposition, while melting sets in at 430C. The second moment of the absorption line of nuclear magnetic resonance is plotted against temperature for the initial amorphous polymer and for a specimen preheated to 360C. The character of the curves is discussed. It was found that the increase in ΔH_2^2 of the preheated specimen over all temperature ranges produces a smaller mobility and better packing of the molecules, indicative of the crystallization process. The disappearance of the highly elastic state below the melting point of the crystalline substance explains the absence of the minimum on the ΔH_2^2--temperature curve in the range of 290-320C. Orig. art. has: 5 figures.

ASSOCIATION: Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol (Vladimir Scientific Research Institute of Synthetic Resins); Kazanskiy gosudarstvennyy universitet (Kazan State University)

SUBMITTED: 19Oct64 ENCL: 00 SUB CODE: OC, OC

NO REF SOV: 005 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, O. A.

"Oxygen Pressure Breathing at High Altitudes," Voyenno-medits. zhur., No.2, pp. 70-75, 1957

Translation 1119940

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV

KUTNETSOV, G. A.

Kutnetsov, G. A. "The effect of conditions of light on altering the runs of silver-black foxes", (Report), Sov. z otskhniya, 1949, No. 1, p. 108.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G. A.

Silver Fox

Effect of the light regime on sexual functions of silver fox vixens., Kar. i zver., 5, No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____1953, Uncl.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Dissertation: "Influence of the Length of Daylight on the Physiology of the Reproduction of Foxes." Cand Biol Sci, Moscow Fur and Pelt Inst, 24 May 54.
Vechernyaya Moskva, Moscow, 13 May 54.

SO: SUM 284, 26 Nov 1954

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, [illegible], LEPESHKIN, Vladimir Ivanovich; KHRONOPULO, M.P., red.; FOMICHEV, P.M., tekhn.red.

[Raising for-bearing animals; practical manual] Razvedenie pushnykh zverei; prakticheskoe posobie. Moskva, Izd-vo TSentrosoiuza, 1958. 82 p. (MIRA 12:12)
(Fur-bearing animals)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, Georgiy Alekseyevich; ASTAKHOV, S.A., red.; LOGINOVA, Ye.I., tekhn. red.

[Cages for raising rabbits] Kletki dlia soderzhaniia krolikov. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1959. 43 p. (MIRA 14:9)
(Rabbit hutches)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A., kand.biologicheskikh nauk

Possibility for obtaining two sets of silver fox cubs, in February and in June. Nauch. trudy Nauch.-issl. inst. push. zver. i krol. 5:71-94 '60. (MIRA 15:3)
(Silver fox)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUVSHINOV, I., KUZNETSOV, G., YARMAK, N.

Farm Management

A textbook on("Planned utilization of land." Reviewed by I.Kuvshinov, G.Kutznetsov, N.Yarmak). Sots. sel'.khoz. no. 3, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.

Bashtanka District - Collective Farms

"Prospects for developing collective farm production in the southern Ukraine (based on Bashtanka District, Nikolayev Province)." Reviewed by G. Kuznetsov. Sots. sel'khoz., 23, No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KOBZIKOV, I.I.; KUZNETSOV, G.A.

Textbook on agricultural water supply and land improvement work for land use institutes and faculties ("Agricultural water supply and improvement." A.IA. Kalabugin, S.I. Murashev. Reviewed by I.I. Kobzikov, G.A. Kuznetsov). Gidr. i mel. 8 no.9:61-62 S '56. (MLRA 9:10)

(Water supply, Rural) (Kalabugin, A.IA.) (Murashev, S.I.)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G. A.

Farm Management

Useful book ("Farm organization planning," Reviewed by G. A. Kuznetsov). Sov. agron. 11, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

1. KUZNETSOV, G.

2. USSR (600)

4. Farm Management

7. "Demands of mechanization for the organization of collective farm lands." N.I. Okorokov, Reviewed by G. Kuxnetsov, Sots.sel'khoz. 24 no. 3, 1953.

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

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

BEDNOVA, Yevgeniya Timofeyevna; KUZNETSOV, Georgiy Aleksandrovich; DOLINSKIY, N.M., red.; FEDOTOVA, A.V., tekhn.red.; ZUBRILINA, Z.P., tekhn.red.

[Perennial pastures] Dolgoletnie kul'turnye pastbishcha. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 110 p. (MIRA 11:4)
(Pastures and meadows)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

NIKOLAYEVSKAYA, Ye.M.

3(5) 4-3 PHASE I BOOK EXPLOITATION SOV/1779

Akademiya nauk SSSR. Institut geografii.

Ispol'zovaniye topograficheskikh kart pri geograficheskikh issledovaniyakh. (Use of Topographic Maps in Geographical Exploration) Moscow, Izd-vo AN SSSR, 1958, 118 p. 2,000 copies printed.

Resp. Ed.: N.P. Leont'yev, Candidate of Technical Sciences; Ed. of Publishing House: V.S. Volyanskaya; Tech. Ed.: S.G. Karavaeva

PURPOSE: This book is intended for geographers or cartographers who use topographic maps in connection with their activity.

COVERAGE: This book is a collection of papers given at the Interdepartmental Conference on Topographic Maps called by the Institute of Geography, Academy of Sciences, USSR in 1955. The aim of the conference was to discuss and solve problems in the use of maps and to find means of improving the contents of maps. Included in the papers are discussions of map making methods, contents of Soviet maps, the use of maps for physiographical studies, the classification of topographic maps, and others. A portion of the book is devoted to a discussion of the papers presented. The author thanks K.S. Serebrik, N.S. Fedoseyev, and L.Ye. Semenkova for their help in preparing the work for publication. Each article is followed by a list of references.

Card 1/4

Use of Topographic Maps (Cont.) SOV/1779

Fedoseyev, N.S. Some Problems in the Use of Topographic Maps for the Physical Geographic Study of the USSR 37

Nikolayevskaya, Ye.M. The Requirements Set Forth for Topographic Maps in Connection With Integrated Geographic Studies of Erosion Regions in European USSR 46

Buzdalin, G.A. The Use of Topographic Maps in the Study of Virgin and Uncultivated Lands 56

Kozhevnikov, Yu. A. The Requirements for Topographic Maps in Geomorphological Studies 62

Prokof'yev, F.I. The Classifications of Topographic Maps and the Improvement of Their Contents 73

Rein-Barkovskiy, L.V. Some Considerations for Improving Topographic Maps in Connection With Their Use in Planned Water Utilization Projects 87

Card 3/4

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

BURIKHIN, N.N., doktor ekonom.nauk, otv.red.; BOCHKOV, N.V., prof., red.; PROKURONOV, N.I., prof., red.; KUZNETSOV, G.A., dotsent, red.; KALASHNIKOVA, V.S., red.; SOKOLOVA, N.N., tekhn.red.

[Land organization in the sixth five-year plan] Voprosy zemleustroistva v shestoi piatiletke. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1958. 367 p. (MIRA 12:12)
(Agriculture)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A., kand.ekon.nauk; NEGOVSKIY, V.S.; TARASOV, A.A.; MOSIN, V.A.

Urgent problems of land exploitation on virgin land state farms.
Zemledelie 6 no.4:73-76 Ap '58. (MIRA 11:4)
(Kazakhstan--State farms)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

Prospects for the efficient utilization of land on state farms.
Vop.geog. no.43:123-144 '58. (MIRA 12:5)
(State farms)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

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KUZHETSOV, Georgiy Aleksandrovich; MITROKHIN, Mikhail Alekseyevich; KALASHNIKOVA, V.S., red.; GUREVICH, M.M., tekhn.red.

[Practices in the organizational and economic systems of state farms on virgin lands] Opyt organizatsionno-khoziaistvennogo ustroistva tselinnykh sovkhozov. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 166 p. (MIRA 13:3)
(State farms)

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KUZNETSOV, G.A., kand.ekonom.nauk; TROITSKIY, V.P., kand.ekonom.nauk

Discussions on land organization at the scientific conference.
Zemledelie 7 no.7:87 Jl '59. (MIRA 12:9)
(Agriculture)

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.; ZIL'BERMAN, Ye.A.; GULENKO, A.I.; VOROTYAGIN, I.V., inzh.

Pay more attention to crop rotations. Zemledelie 8 no.12:25-29 D '60. (MIRA 13:11)

1. Moskovskiy institut zemleustroystva (for Kuznetsov and Zil'berman).
2. Nachal'nik Pavlodarskoy zemleustroitel'noy ekspeditsii (for Gulenko).
(Rotation of crops)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

Land settlement and development in the southeastern outlying districts of the U.S.S.R. Trudy MIIZ no.11:3-17 '61. (MIRA 14:9)
(Land settlement) (Agricultural policy)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

Using land for perennial cultivated pastures in the non-Chernozem zone. Vop. geog. no.54:58-74 '61. (MIRA 15:3)
(Pastures and meadows)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

IVANOV, K.I., red.; BELOTSERKOVSKIY, M.Yu., red.; BOLYSHEV, N.N., red.; GEDYMIN, A.V., red.; GLAZOVSKAYA, M.A., red.; GOLOVENKO, S.V., red.; ZVORYKIN, K.V., red.; IGNAT'YEV, G.M., red.; KUZNETSOV, G.A., red.; LEBEDEV, N.P., red.; LEBEDEV, P.N., red.; RAKITNIKOV, A.N., red.; SHEYNIN, L.B., red.; GREBTSOV, P.P., red.; YERMAKOV, M.S., tekhn. red.

[Accounting for and the evaluation of agricultural land] Uchet i otsenka sel'skokhoziaistvennykh zemel'. Pod red. K.I. Ivanova. Moskva, Izd-vo Mosk. univ., 1963. 385 p. (MIRA 16:7)

(Farm--Valuation) (Soils--Classification) (Cadasters)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, Georgiy Aleksandrovich, doktor ekon. nauk; GORELIK, L.Ya., red.; GERASIMOVA, Ye.S., tekhn. red.

[Organization of farm areas and the utilization of land on state farms in virgin lands] Organizatsiia territorii i ispol'zovanie zemel' v tselinnykh sovkhozakh. Moskva, Ekonomizdat, 1963. 219 p. (MIRA 16:11)
(State farms--Economic aspects) (Land)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

Economic valuation of land in connection with land utilization on the virgin-land state farms. Geog. i khoz. no.12:9-12 '63. (MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

CHELINTSEV, V. V.; KUZNETSOV, V.; KUZNETSOV, G.

"Condensations of Furanic Compounds -- IX. Eutectics of Ketono-Phenolic Systems and the Fixing Among Them of oxonium Complexes," Zhur. Obshch. Khim., 9, No. 2, 1939. Received 7 June 1938.

U-1517, 22 Oct 1951.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

PROCESSES AND PROPERTIES INDEX

BC

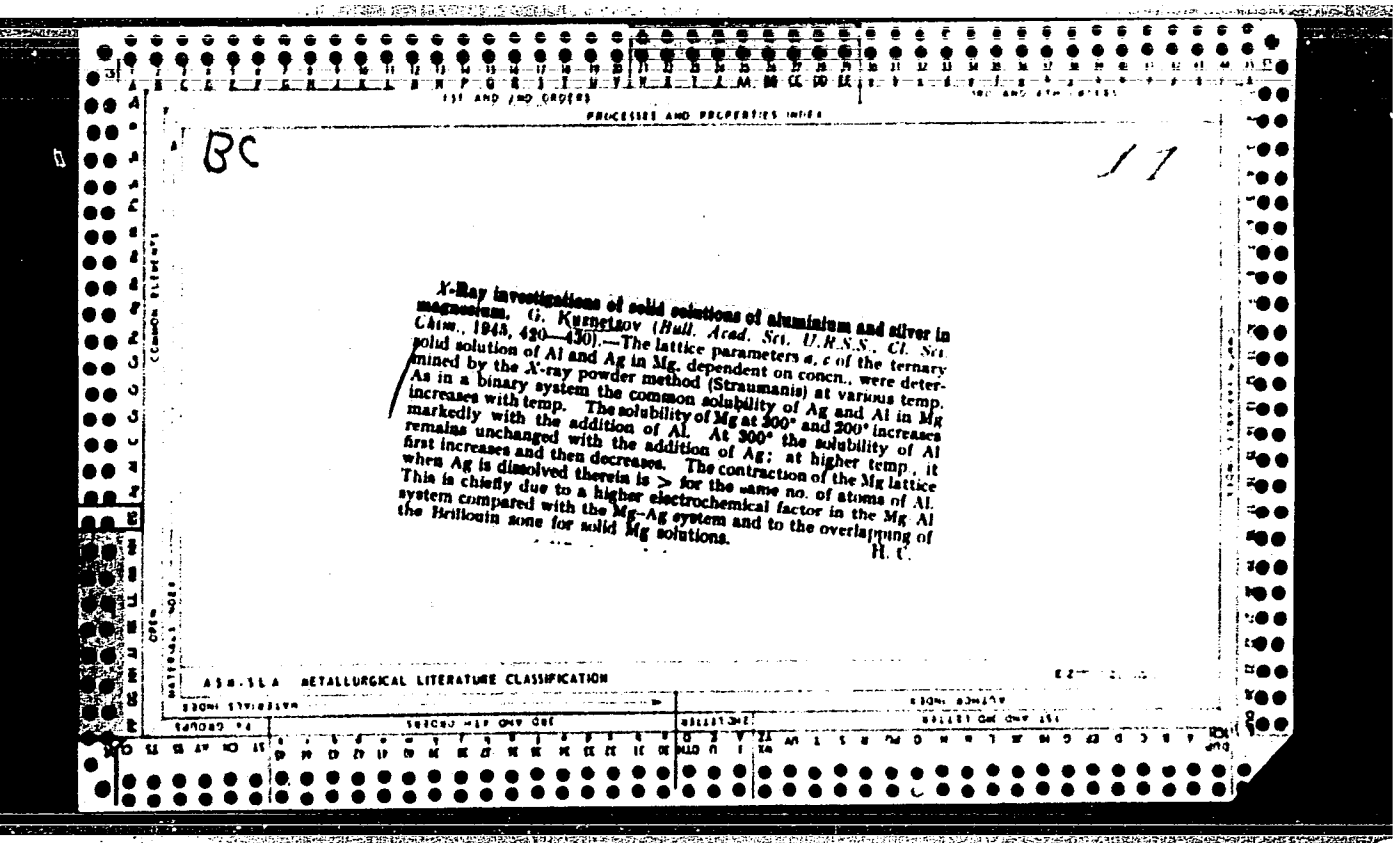
A-3

Condensation of [illegible] derivatives. IX. Eutectics of [illegible] systems, and the formation amongst them of [illegible] complexes. V. V. Tsch[illegible] and V. and G. K[illegible] (J. Gen. Chem. Russ., 19[illegible], [illegible]).—The fusion diagrams exhibit [illegible] with 2 : 1 compounds in the systems [illegible] $C_6H_4(OH)_2$ (I), [illegible] (II)–$C_6H_4(OH)_2$ (III), m.p. [illegible]; [illegible] $C_6H_3(OH)_3$ (IV), m.p. [illegible]°, (II)–(I), m.p. 61°, (II)–[illegible] (V)–(IV), m.p. 63°, m.p. 81°, [illegible] and (V)–(I), m.p. [illegible], and with 1 : 1 compounds in the systems (V)–(III), m.p. 57—60°, dibenzylideneacetone (VI)–(III), m.p. 79°, (VI)–(IV), m.p. 97·5°, and (VI)–(I), m.p. 96°. R. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3



BC

11

X-Ray investigations of solid solutions of aluminium and silver in magnesium. G. Kurnetzov (*Bull. Acad. Sci. U.R.S.S., Cl. Sci. Chim.*, 1945, 430—430).—The lattice parameters a, c of the ternary solid solution of Al and Ag in Mg, dependent on concn., were determined by the X-ray powder method (Straumanis) at various temp. As in a binary system the common solubility of Ag and Al in Mg increases with temp. The solubility of Mg at 300° and 200° increases markedly with the addition of Al. At 300° the solubility of Al remains unchanged with the addition of Ag: at higher temp., it first increases and then decreases. The contraction of the Mg lattice when Ag is dissolved therein is > for the same no. of atoms of Al. This is chiefly due to a higher electrochemical factor in the Mg–Al system compared with the Mg–Ag system and to the overlapping of the Brillouin zone for solid Mg solutions.

H. C.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

PHASE I Treasure Island Bibliographic Report

Call No.: TN758.K88 C0000045

BOOK

Author: KUZNETSOV, G.A.

Full Title: SMELTING AND FOUNDING OF NON-FERROUS ALLOYS.

Transliterated Title: Plavka i lit'e splavov tsvetnykh metallov.

Publishing Data

Originating Agency: None.

Publishing House: State Publishing House of Scientific-Technical Literature on Ferrous and Non-Ferrous Metallurgy (Metallurgizdat). Sverdlovsk.

Date: 1952. No. pp.: 276. No. copies: 4,000

Editorial Staff

Editor: None.

Editor-in-Chief: None.

Technical Editor: None.

Appraiser: Boretskiy, A.A., Asst. Prof., Candidate of Tech. Scien.

Other: "The author expresses deep gratitude to V.V. Yarkov, Eng. for valuable assistance and comments in writing the chapter on "The Organization and Planning of Production".

Text Data

Coverage: The work considers the basic technological problems of producing non-ferrous alloys in foundry shops of metal-working plants: preparation of furnace charges, smelting process, equipment, Stakhanovite methods, and organization of work. 91 Diagrams.

Purpose: A textbook for foundry workers.

1/2

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Card 2/2 Call No.: TN758.K88 00000045

Full Title: SMELTING AND FOUNDING OF NON-FERROUS ALLOYS.

Facilities: None.
No. Russian and Slavic References: 30.
Available: Library of Congress.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, Georgiy Aleksandrovich; BORETSKIY, A.A., dotsent, retsenzent; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Copper alloy castings] Otlivki iz mednykh splavov. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 56 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.18) (MLRA 9:8)

(Copper alloys--Metallurgy)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, Georgiy Aleksandrovich; BORETSKIY, A.A., dotsent, retsenzent; VOLPYANSKIY, L.M., redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Copper alloy castings] Otlivki iz mednykh splavov. Pod red. L.M.Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 56 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no.18) (MLRA 9:8)
(Copper alloys--Metallurgy)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Kuznetsov, G A.

PISARENKO, G.A., kandidat tekhnicheskikh nauk; GUTERMAN, S.G., kandidat tekhnicheskikh nauk; KUZNETSOV,G.A., inzhener; AYZIKOVICH, Ya.I. YELOKHOV, P.D.

Molds made of magnesium cast iron. Metallurg no.12:16-19 D '56. (MLRA 10:1)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov (for Pisarenko, Guterman and Kuznetsov). 2. Nachal'nik liteynogo tsekha Nizhne-Tagil'skogo metallurgicheskogo zavoda imeni Kuybysheva (for Ayzikovich). 3. Nachal'nik liteynogo tsekha Lys'yenskogo metallurgicheskogo zavoda (for Yelokhov).

(Iron—Magnesium alloys) (Molding(Founding))

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A. Cand Tech Sci (diss) "Investigation of the sturdiness of shallow casting molds made of iron with spheroid graphite and special features of the technology of their manufacture." Sverdlovsk, 1957. 16 pp 22 cm. (USSR Min Higher Education USSR, Ural Polytech Inst im S.M. Kirov) 100 copies

(KL, 11-57, 98)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

SOV/124-58-11-13628

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 233 (USSR)

AUTHOR: Kuznetsov, G. A.

TITLE: On Some Physicomechanical Properties of Cast Iron With Lamellar and Spheroidal Graphite Used as a Material for Molds (O nekotorykh fiziko-mekhanicheskikh svoystvakh chuguna s plastinchatym i sharovidnym grafitom kak materiala dlya izlozhnits)

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chernykh metallov, 1957, Nr 3, pp 140-154

ABSTRACT: A study of the heat conductivity, thermal stability, tendency toward residual stresses, and mechanical properties of cast irons with lamellar and spheroidal graphite.

Reviewer's name not given

Card 1/1

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

S/123/61/000/001/002/015
A005/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1961, No. 1, p. 19, # 1A132

AUTHOR: Kuznetsov, G. A.

TITLE: The Effect of the Chemical Composition on the Wear of Graphitized Steel

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chern. metallov, 1959, No. 7, pp. 67-75

TEXT: It was found out by investigations that the effect of the elements on the wear is determined by their effect on graphitization. With increasing graphitization degree, the hardness of steel decreases and the wear increases.

N. Sazonova

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

FOMENKO, L.N.; KUZNETSOV, G.A.; GERASIMOV, V.D.

Use of powdered specimens in recording the thermomechanical curves of polymers. Vysokom. soed 6 no.3:421-426 Mr'64. (MIRA 17:5)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G. A.

"Problem of the Origin of the Sonar "Crater"," Tr. Irkutsk. un-ta, 9, No 1-2, pp 56-64, 1953

The Sonar "crater" (cf. karstic craters) is one of the conjectural "explosion funnels" on the Siberian platform. It is located in the southeastern part of the Tungus Basin on the water shed of the B. and M. Yerema rivers, on the slope of a small slanting mound. The dimensions of the crater are as follows:: Length, 24.04 m; width, 23.35 m; depth to talus at the foot of the crater's walls, 9.5 m; and depth to bottom, 15 m. At the bottom of the hollow a lake has been formed with dimensions of 12 x 7 m. A pine and leafy forest grows around the edge of the crater, the age of the trees being from 70 to 150 years. The walls of the crater, from top to bottom, are rough-sketetal (gravel-sandy) soil-plant layer 0.0-0.2 m, eluvial-deluvial lumpy-rubbly material consisting of diabase 0.2-017 m, and coarse-granular diabase (diabase-pegmatite) 0.7 to bottom. (RZhGeol, No 4, 1955)

Sum. No. 681, 7 Oct 55

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G.A.

NALIVKIN, V.D.; ROZANOV, L.N.; FOTIADI, E.E.; YEGOROV, S.P.; YENGURAZOV, I.I.; KOVALEVSKIY, Yu.S.; KOZACHENKO, A.A.; KONDRAT'YEVA, M.G.; KUZNETSOV, G.A.; KULIKOV, F.S.; LOBOV, V.A.; SOFRONITSKIY, P.A.; TATARINOV, A.G.; PRITULA, Yuriy Aleksandrovich, redaktor; DAYEV, G.A., vedushchiy redaktor; GENNAD'YEVA, I.M., tekhnicheskiy redaktor.

[Volga-Ural oil-bearing region: Tectonics] Volgo-Ural'skaia neftenosnaia oblast'. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1956. 312 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy, no.100) [Microfilm] (MLRA 10:4)

(Volga Valley--Petroleum geology)
(Ural Mountain Region--Petroleum geology)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G. A., Cand Geol-Min Sci --- (diss) "Geological structure and Mineral resources of the southern part of the Angaro-Tungusskaya iron-ore province." Irkutsk, 1957. 18 pp (Min of Higher Education USSR, Irkutsk State Univ im A. A. Zhdanov), 120 copies (KL, 52-57, 104)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

3(5)

SOV/132-59-9-7/13

AUTHORS: Filippov, Ye.M. and Kuznetsov, G.A.

TITLE: Determining the Density of Rocks and Ores in Outcroppings and Mining Sites by the Dispersed Gamma-Radiation Method

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 9, pp 38-40 (USSR)

ABSTRACT: The authors propose the application of the method of dispersed gamma-radiation to determine the density of rocks or ores on the spot. Experiments made with samples show large discrepancies due to changes in humidity and the rock structures when the samples were taken. For this purpose, a light KRL gamma-densitometer was developed by Ye.M. Filippov and A.G. Khryapin. It is equipped with an electromechanical EMS meter which registers up to 100 imp/second. To increase the sensitivity of the densitometer, the EMS meter was replaced by a self-discharging halogenous STS-1 meter. A "Kacha" SG-7 stabilizer was included in the high voltage net for the delivery of a 380 v

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current to this meter. As sources of gamma-radiation, a radium standard Nr 5 (E_m = 0.08 mev) and a cobalt source (E_m = 1.25 mev) with a 0.5 micro-curie activity were used. The volume of the intensity of radiation I dispersed by the rock is calculated from the formula

$$I = I_p - I_{nf_1} - (I_v - I_{nf_2})$$

where I_p is the intensity above the investigated rock; I_v - the intensity in the air; I_{nf_1} - the intensity above the investigated rock without the source and I_{nf_2} the intensity in the air without the source. If the investigated rocks have a low intensity, then the values I_{nf_1} and I_{nf_2} are identical

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Determining the Density of Rocks and Ores in Outcroppings and Mining Sites by the Dispersed Gamma-Radiation Method

SOV/132-59-9-7/13

and the radiation intensity can be calculated from the formula $I = I_p - I_v$. Experimental investigations were carried out on rocks with densities varying from 0.46 up to 7.8 gr/cu cm. The results received in units related to the density of the surrounding medium are shown (Figure 2). The intensity of dispersed gamma-radiation in water was taken as a standard for the curve. It was found that the intensity of dispersed gamma-radiation in rocks of low density increases along with the increase of rock density to a certain maximum point which depends on the initial energy of gamma-quants. There is 1 graph, 1 table and 3 Soviet references.

ASSOCIATION: Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR (Institute of Geology and Geophysics of the Siberian Section of the AS USSR)

Card 3/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

ANTIPOV, G.I.; IVASHCHENKO, M.A. [deceased]; KORABEL'NIKOVA, V.V.; KOSYGIN, M.K., dotsent; KUZNETSOV, G.A., dotsent; PEKARIN, P.M.; ROSLYAKOV, G.V., dotsent; STRAKHOV, L.G.; CHERNYSHEV, G.B., red.; TKALICH, S.M., red.; MUKHIN, S.S., red.izd-va; GUROVA, O.A., tekhn.red.

[Angara-Ilim iron ore deposits of trap formation in the southern Siberian Platform] Angaro-Ilimskie zhelezorudnye mestorozhdeniia trappovoi formatsii iuzhnoi chasti Sibirskoi platformy. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960. 375 p. (MIRA 13:10)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Geologi Irkutskogo geologicheskogo upravleniya (for Antipov, Ivashchenko, Korabel'nikova, Pekarin, Strakhov). 3. Irkutskiy gornometallurgicheskiy institut (for Kosygin, Roslyakov). 4. Irkutskiy gosudarstvennyy universitet (for Kuznetsov). 5. Glavnyy inzh. Irkutskogo geologicheskogo upravleniya (for Tkalich).
(Angara-Ilim region--Iron ores)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

FILIPPOV, Ye, M.; KUZNETSOV, G.A.

Possibilities of using scattered beta radiation for analyzing minerals. Geol. i geofiz. no.12:131-132 '60. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Mineralogy, Determinative)
(Beta rays—Industrial application)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

FILIPPOV, Ye.M.; KUZNETSOV, G.A.

Selecting the optimum design of a gamma-densitometer. Geol. i geofiz. no. 1:113-115 '61. (MIRA 14:5)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

(Densitometers)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

S/169/61/000/011/028/065
D228/D304

AUTHORS: Polak, L.S., Filippov. Ye.M., Kuznetsov, G.A., and Zhavoronkov, V.Ya.

TITLE: Investigating the spectrum of dispersed gamma-radiation in conformity with the solution of certain geophysical problems

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1961, 34-35, abstract 11A306 (Geologiya i geofizika, no. 3, 1961, 111 - 115)

TEXT: Experiments are described on the study of the spectrum of dispersed γ-radiation; these were carried out with the aim of clarifying the possibilities of the method of dispersed γ-radiation (DGR). The isotopes Co^{60} and Cs^{137} were used. A luminescent counter with a crystal of CsI (Tl) and a ФЭУ-29 (FEU-29) photomultiplier were employed as an indicator. A 100-channel analyzer of the "Raduga" type was used. The source and indicator of the radiation were placed in a lead shield at a distance of 7 cm from each other. The depth-potential of the investigation was ascertained in plexiglass,

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Investigating the spectrum of ... S/169/61/000/011/028/065
D228/D304

glass and iron. The spectra obtained in these media are given. It was established that the increase in the density of the medium and in its effective atomic number leads to the decrease in the depth-potential of the investigation. The increase in the energy of the source of the γ-quanta from 0.661 m.e.v. to 1.25 m.e.v. for a 7 cm probe results in practically no change in the depth-potential of the investigation. The recording of the maximum of the equilibrium spectrum of the dispersed γ-radiation in place of the recording of the integral rate of counting is recommended when working with a 7 cm probe; this leads on an average to a 25 % increase in the depth -potential. The dependence of the measurement results on the change in the rock density in the interval 0.4 - 7.8 g/cm^3 was investigated. It was established that the increase in the energy of the source of the γ-quanta results in the increase sensitivity of the method to changes in the rock density. It is shown that the presence of small impurities of the heavy element (Pb) in the sand leads to the sharp change in the spectrum of the dispersed γ-radiation, and that the method's sensitivity to the content of the heavy element in the K-jump region is higher compared with the integral. In the

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

Investigating the spectrum of ... S/169/61/000/011/028/065
D228/D304

author's opinion the measurements of the differential and integral rates of counting should be combined when determining the density of rocks and studying the content of heavy elements in them by the method of dispersed γ-radiation. [Abstractor's note: Complete translation].

Card 3/3

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

POLAK, L.S.; FILIPPOV, Ye.M.; KUZNETSOV, G.A.

Effect of hidden contacts and interstices on research by gamma-ray scattering. Geol.i geofiz. no.5:82-87 '61. (MIRA 14:6)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk i Institut neftekhimicheskogo sinteza AN SSSR, Moskva.
(Rocks—Analysis) (Gamma rays—Industrial applications)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

ZAMARAYEV, S.M.; KUZNETSOV, G.A.; TSOBIN, V.A.

Large flexure in the scuthern Irkutsk amphitheater. Geol.i geofiz. no.1:42-54 '62. (MIRA 15:4)

1. Irkutskoye geologicheskoye upravleniye.
(Irkutsk Province--Geology, Structural)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

POLAK, L. S.; FILIPPOV, Ye. M.; KUZNETSOV, G. A.; ZHAVORONKOV, V. Ya.

Concerning the remarks of S. G. Troitskii, and V. L. Shashkin in "Geologiia i geofizika" no. 7, 1962. Geol. i geofiz. no.9: 125-126 '62. (MIRA 15:10)

(Rocks--Density) (Gamma-ray spectrometry)
(Troitskii, S. G.) (Shashkin, V. L.)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

KUZNETSOV, G. D.

"Investigation of the Properties of the Swallowing Dominant and Their Influence Upon the Most Intense Nervous Activity."

dissertation defended for the degree of Candidate of Biological Sciences at the Inst. for Higher Nervous Activity.

Defense of Dissertation (Jan-Jul 1957)
Sect. of Biological Sciences
Vest. AN SSSR, 1957, v. 27, No. 12, pp. 115-117

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KUZNETSOV, G.D.

Evaluating efficiency in the use of certain types of alumina-containing raw materials in the U.S.S.R. industry. Izv.vys.. ucheb. zav.; tsvet. met. no.3:142-148 '58. (MIRA 11:11)

1. Moskovskiy institut tsvetnykh metallov i zolota. Kafedra ekonomiki promyshlennosti.

(Aluminum--Metallurgy)

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Answering I.L.Talmud's letter. Izv.vys.ucheb.zav.; tsvet.met. 2 no.4:161-163 '59. (MIRA 13:1)
(Nepheline) (Aluminum industry--Costs)

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KUZNETSOV, G.D., kand.ekonomicheskikh nauk

Increase the accuracy of industrial cost estimates for plants and mines in the planning stage. TSvet.met. 35 no.2:44-49 F '62. (MIRA 15:2)

(Metallurgical plants--Estimates and costs)
(Mines and mineral resources--Estimates and costs)

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KUZNETSOV, G.D.

Determination of the minimum commercial content of metals in complex ores. Razved. i okh. nedr 29 no.7:23-28 Jl '63. (MIRA 16:9)

1. Gosmetallurgkomitet.
(Ores--Sampling and estimation)

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Using OVKA templates for interpreting magnetic anomalies in vertical layers. Trudy Inst.geol. i geofiz. Sib.otd. AN SSSR no.1:151-153 '60. (MIRA 15:2)

(Magnetic prospecting)

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KUZNETSOV, G.F.

Method of determining the zero level of gravity and magnetic anomalies. Geol. i geofiz. no.3:109-112 '62. (MIRA 15:7)
(Prospecting--Geophysical methods)

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3"

"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

AUTHOR: Kuznetsov, G. F.

S/169/63/000/002/104/127
D263/D307

TITLE: Demarkation of local gravimagnetic anomalies by resolving the anomalous curve into a series of Chebyshev's polynomials

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 27, abstract 2D165 (Geologiya i geofizika, 1962, no. 6, 100-104)

TEXT: A method is discussed for the demarkation of local anomalies, based on a mathematical method of resolving an arbitrary integrable function f_x, known over a section [ab], into a series of Chebyshev's polynomials. As points of interpolation the author recommends the use of points in those parts of the total anomalous curve where the regional background is negligibly disturbed by any local anomaly. It is shown that resolution of the anomalous curve by formulas quoted is laborious and may be facilitated considerably by resorting

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Demarkation of local ... S/169/63/000/002/106/127
D263/D307

to electronic computers. An example is given of determining a local anomaly by the proposed method. [Abstracter's note: Complete translation.]

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FOTIADI, E.E.; KUZNETSOV, G.F.

New concepts of subsurface geology in the western part of the Siberian Platform according to geophysical investigation data and prospects for finding oil and gas. Geol. i geofiz. no.10: 21-32 '64. (MIRA 18:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

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"APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928120006-3

L 46163-65 EWT(m)/EPA(w)-2/EWA(m)-2 Pt-7/Pab-10 IJP(c) GS

ACCESSION NR: AT5007930 S/0000/64/000/000/0420/0424

AUTHOR: Val'ter, A. K.; Grishayev, I. S.; Yeremenko, Ye. V.; Kondratenko, V. V.; Zaytlenok, G. A.; Kuznetsov, G. F.; Levin, V. M.; Malyshev, I. F.; Rumyantsev, V. V.; Semenov, A. N.; Turkin, F. F.; Khokhlov, V. K.

TITLE: Linear traveling-wave accelerator of electrons with output energy 2 Gev

SOURCE: International Conference on High Energy Accelerators. Dubna, 1963. Trudy. Moscow, Atomizdat, 1964, 420-424

TOPIC TAGS: high energy accelerator, traveling wave electron accelerator, klystron

ABSTRACT: The accelerator consists of an injector and 49 accelerating sections each 4.5 meters long. The accelerator operates with a traveling 1/2π-wave with constant phase velocity equal to the velocity of light σ and group velocity equal to 0.04σ. The operating frequency of the accelerator is 2797 mc for a temperature of the accelerating section equal to 37°C. The energy of the accelerated electron beam is 2 Gev, the mean current is 1.2 μamp for a transmission frequency of 50 times per second and duration of the high-frequency pulse of $\tau = 2$ msec. The high-frequency power supply for each section is independent of the klystron amplifier. The exci-

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ACCESSION NR: AT5007930

tation of the klystrons is carried out from a common wave-guide line, which is supplied from a high power klystron excited by a regulated master oscillator. The group velocity of the electromagnetic wave in the excitation line is equal to about 0.805 c. The constant phase of the electromagnetic wave at klystron output is maintained by a phasing system with an accuracy of $\Delta\phi = \pm 2^{\circ}$. The accelerating sections are installed in a special bunker which has a concrete wall-like shield and is covered on top by sectional reinforced-concrete slabs. The output installation is shielded by a special earthen enclosure covered by reinforced-concrete slabs. Purification of the beam from harmful admixtures is carried out by means of a magnetic parallel transfer system and magnetic separators. The present report discusses the parameters of the main units, such as: the injector, the vacuum system ($2 \cdot 10^{-6}$ mm/Hg), the accelerator's high-frequency pulsed power supply, the output installation, the formation and measurement of the beam, the control of the accelerator. It is planned to store the electrons and positrons which are obtained by the present accelerator in a suitable ring, but experience must first be gained with small storage rings and colliding beams, under study at the Physico-technical Institute, Academy of Sciences, Ukrainian SSR. The present accelerator was constructed in accordance with the principle of uniform structure, but not constant field. The entire adjustment phase of the large accelerator's operation is carried

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ACCESSION NR: AT5007930

2

out by means of one injector. "The design and parameters of the one injector was the concern of V. A. Vishnyakov and associates." Orig. art. has: 5 figures, 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UkrSSR (Physico-technical Institute, AN UkrSSR); Nauchno-issledovatel'skiy institut elektro-fizicheskoy apparatury imeni D. V. Yefremova GKAE SSSR (Scientific-research Institute of Electro-Physical Equipment GKAE SSSR)

SUBMITTED: 26May64 ENCL: 00 SUB CODE: NP

NO REF SOV: 000 OTHER: 000

Card 3/3 DNJ

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KUZNETSOV, G.F.

Focusing device for X-ray examination of the substructure of single crystals. Prib. i tekh. eksp. 9 no.5:200-201 S-O '64. (MIRA 17:12)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta.

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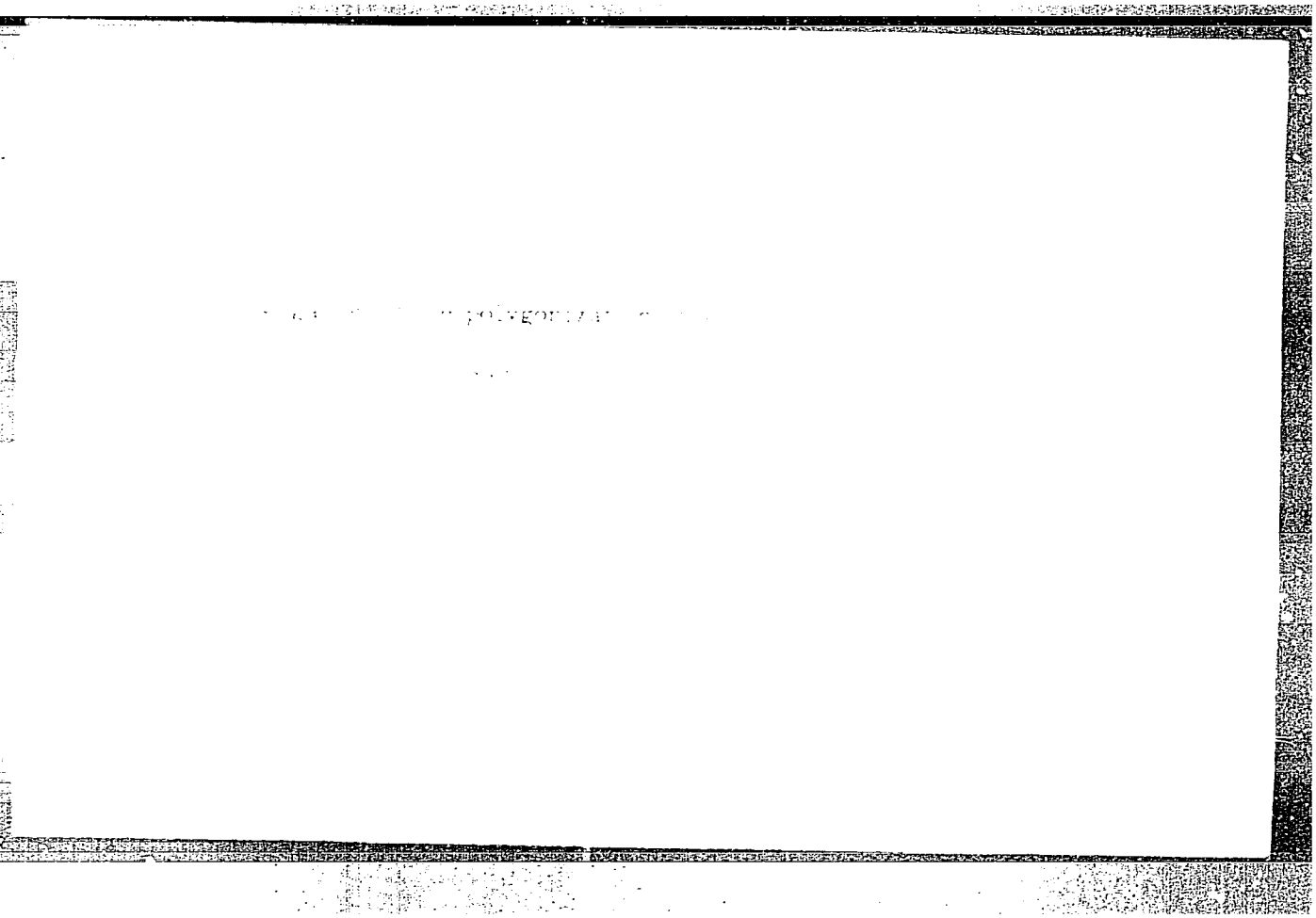

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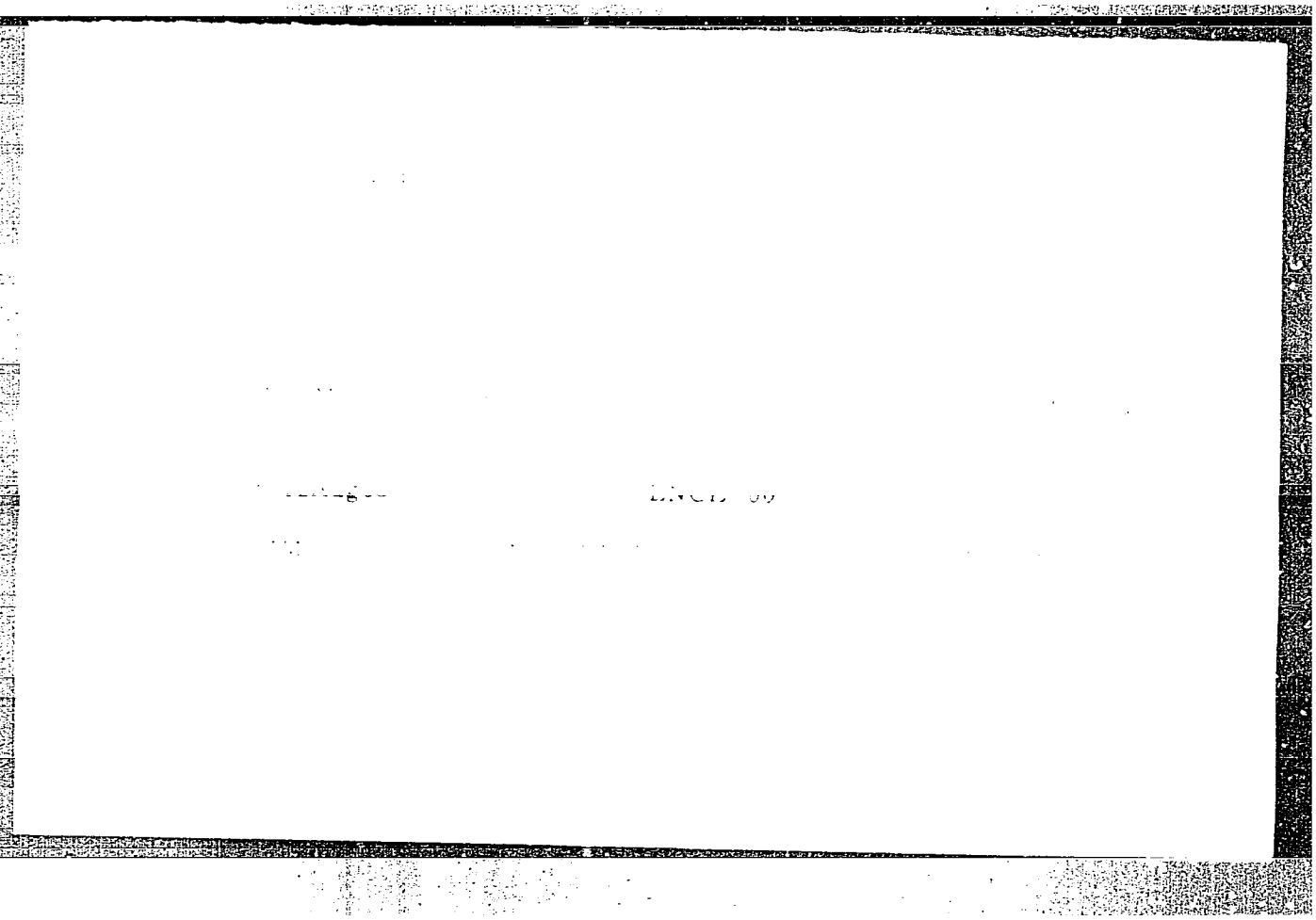

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1. Moskovskiy gosudarstvennyy universitet.

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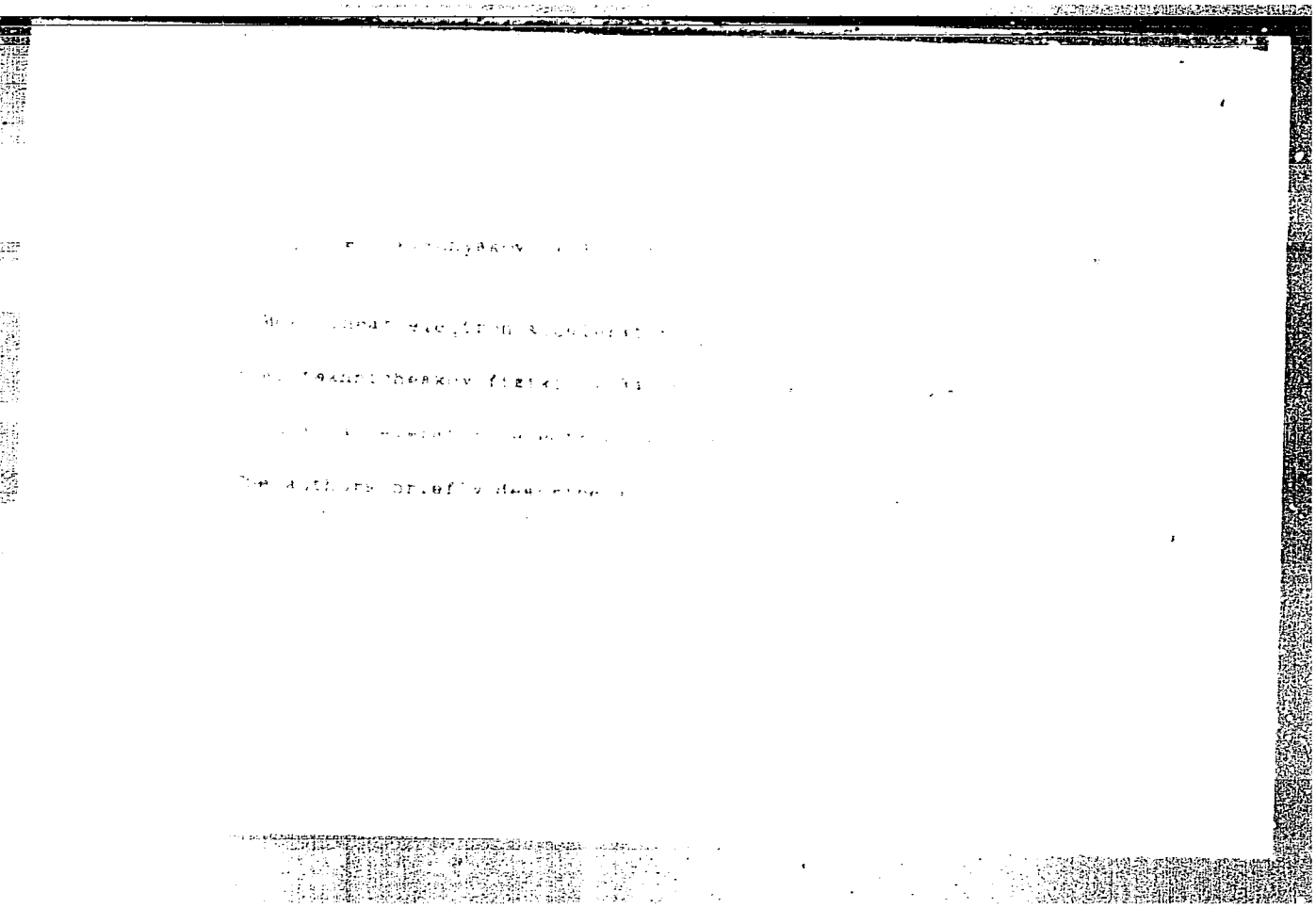

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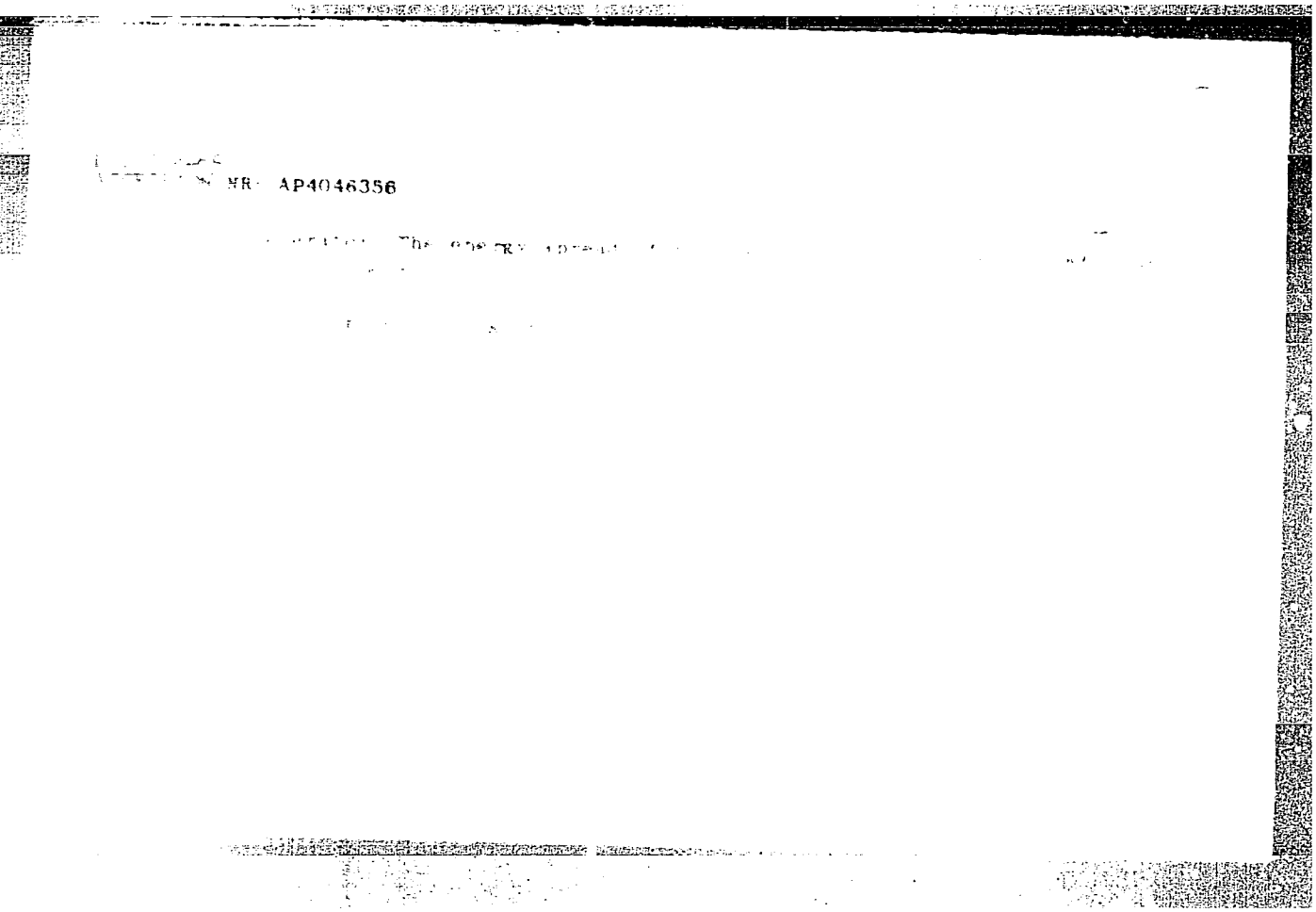

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Recrystallization and polygonization of aluminum. Dokl. AN SSSR 159 no.1:63-65 N '64. (MIRA 17:12)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova. Predstavleno akademikom A.A. Bochvarom.

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Division of magnetic anomalies into local and regional. Geol. i geofiz. no.3:149-154 '64. (MIRA 18:7)

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Method for the automatic interpretation of complex magnetic anomalies. Geol. i geofiz. no.1:151-160 '65. (MIRA 18:6)

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Soornyye krupnopanes'myye mnogoetazmnyye doma. (Prefabricated houses with large sections and many stories) Moskva, IZD-YO Pravda, 1951.

29 p. illus., Diagrs.

At head of title: Vsesoyuznoye obshchestvo po Rasprostraneniyu Politicheskikm I Nauchnykh Zhaniy.

Lecture on achievements of soviet technique in the building of residential houses.

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KUZNETSOV, G.F.

KUZNETSOV, G.F. Laureaty Stalinskoy Premii Chl.-Korr., Akademii Arkhitektury SSSR. i Antipov, T.P. ARKH. Morosov, N.S. INZH.

Nauchno-Issledovatel'skiy Institut Stroitel'noy Tekhniki Akademii Arkhitektury SSSR

Konstuktsii sbornogo zhelezobetonnogo krupnopanel'nog mnogoetazhnogo doma (9-10 etazhey)

Page 67

SO: Collections of Annotations of Scientific Research Work on Construction, completed in 1950. Moscow 1951

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KUZNETSOV, O.F., doktor tekhnicheskikh nauk, laureat Stalinskoy premii.

Immediate tasks of developing large-panel house construction. Gor.khoz.Mosk. 25 no.7:6-15 Jl '51. (MLRA 6:11)

(Buildings, Prefabricated)

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1. KUZNETSOV, G. F. ; MOROZOV, N. V.

2. USSR (600)

4. Dwellings

7. New stage in the industrialization of housing construction. Gor. khoz. Mosk. 26. No. 10. 1952.

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

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Perspektivy razvitiya tekhniki zhilishchno-grazhdanskogo stroiltel'stva v pyatoy pyatiletke (Prospects of technical progress in civilian-housing construction in the five year plan) Moskva, Znaniye, 1953.

31 p. illus., tables.

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2. USSR (600)

4. Firebrick

7. Technology of making diatomaceous brick, Eng. G.F. Kuznetsov, Eng. Z.A. Sechenykh, Sbor.mat. o nov.tekh.v stroi. 15 no. 5, 1953.

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KUZNETSOV, G.F., inzhener.

Manufacture of mineral wool plates. Sbor.mat. o nov.tekh. v stroi. 15 no.7:19-20 Jl '53. (MLRA 6:7)
(Mineral wool)

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KUZNETSOV, G.F., doktor tekhnicheskikh nauk; LAZAREVICH, S.K., kandidat tekhnicheskikh nauk.

Economic effect of using heat-insulating materials in apartment houses and public buildings. Stroi.prom. 32 no.4:28-34 Ap '54. (MLRA 7:5)

1. Institut stroitel'noy tekhniki Akademii arkhitektury SSSR.
(Insulation (Heat)) (Walls)

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KUZNETSOV, G. pri uchastii L.Vrangel', G.Maklanovoy, Yu.Monfreda, N.Morozovoy, Z.Nesterovoy, D.Sergeyeva; PALLADINA, G.A., red.izd-va; TOKER, A.M., tekhn.red.

[Large-panel construction; a report] Krupnopanel'noe stroitel'stvo; soobshchenie... [Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1955] 44 p. [Bound with Voronkov, A. Industrializatsiia otdelochnykh rabot. Moskva, 1955] (MIRA 11:6)
(Precast concrete construction)
(Apartment houses)

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