"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

NATOCHIN, V.M., dotsent; KURBATOV, M.N., inzh.; YUZHANIN, E.I., inzh.

Automatic control of autoclave operations at the Novosibirsk air-entrained concrete plant. Stroi.mat. 7 no.5:27-29 My '61. (MIRA 14:6)

(Novosibirsk—Concrete plants) (Autoclaves)
(Automatic control)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, M. S.

Kurbatov, M. S. - "On the stability of formation of salty soils of the Chuyskiy Valley", Trudy Sektora pochvovedeniya (Kirgiz. filial Akad. nauk SSSR), Issue 1, 1948, p. 69-84, - Bibliog: 11 items.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

1. KURBATOV, M.S. ; Kozlova, N.S.

2. USSR (600)

4. Chu Valley - Soils

7. Structure formation in soils of the Chu Valley. Trudy Sek, pochv. KirFAN SSSR no. 2. 1949

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

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

1. KURBATOV, M.S.

2. USSR (600)

4. CHU Valley - Soils

7. Acidifying carbonaceous meadow soils of the belt of groundwater-fed rivers of the Chu Valley. Trudy Sek, pochv. KirFAN SSSR no. 2. 1949

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

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, M.S.

Alkalinization of soils by irrigation and ways of controlling it. Trudy Otd.pochv.KirFAN SSSR no.4:53-66 '53. (MLRA 9:11)
(Alkali lands) (Irrigation)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, M. S.

"Saline Soils of the Chuya Valley, and Ways of Improving Them." Acad Sci Kirgiz SSR, Department of Soil Science, Frunze, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: M-955, 16 Feb 56

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

CATEGORY : USSR J
CATEGORY : Soil Science. Organic Fertilizers.

ABS. JOUR. : RZhBiol., No. 3 1959, No. 10704

AUTHOR : Kurbatov, M. S., Yavkina, A. I.
INST. : Kirgiz Scientific Research Institute of Agriculture
TITLE : Fertilizing Effect of Waste Water and Sewage in Chuyakaya Valley.

ORIG. PUB. : Tr. Kirg. n.-i. in-ta zemledeliya, 1957, vyp. 1, 132-157

ABSTRACT : At 5 sugar refineries in Chuyakaya Valley, Kirgiz SSR, several hundred thousand tons of filter press sewage accumulated containing 10-15% of organic matter, up to 2% of P_2O_5, 0.5% of N, 40-45% of Ca and different trace elements. These refineries dump 4-5 million cubic meters of waste water annually, enriches with Ca and Mg and containing 25-58 kilograms of N in 1000 cubic meters, and also K_2O and P_2O_5. This water, as well as the filter press sewage are an excellent fertilizer for corn and

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COUNTRY :
CATEGORY :

J

ABS. JOUR. : RZhBiol., No. 1959, No.10704

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : other agricultural crops on well drained sierozem foothill plains. In the experience on filtration fields on weakly solonized sierozems which received for the preceding 2-3 years from 60-80 to 90-120 cubic meters of waste water, the agrophysical and agrochemical properties of the soil improved, especially with the combined application of waste water and sewage. The yield of corn grain on the fertilized plots comprised 35-41 centners/ha against 21 centners/ha on the control plots. Waste water and filter press sewage increase sharply the yields of sunflower, cucurbita, sorghum, onions, and beets. -- N. N. Sokolov

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GENS, V.; KURBATOV, N.

Routine of insurance inspection. Fin. SSSR 19 no.9:64-70 S '58. (MIRA 11:10)

(Moscow--Insurance)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

6(0) SOV/107-59-2-54/55

AUTHOR: Kurbatov, N., Council Member

TITLE: The Library Section (Bibliotechnaya sektsiya)

PERIODICAL: Radio, 1959, Nr 2, p 63 (USSR)

ABSTRACT: The Bibliotechnaya sektsiya Tsentral'nogo radio-kluba (Library Section of the Central Radio Club) was established in January 1958. The section helps local radio clubs in selecting and distributing books for radio club libraries and prepares lists of books to be recommended. Furthermore, it is currently translating articles from Czech, English, French, and other journals.

ASSOCIATION: Tsentral'nyy radioklub DOSAAF (the Central Radio Club of the DOSAAF)

Card 1/1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N., inzh. (Litovskaya SSR)

Tractor-mounted sod cutter. Rech. transp. 24 no.7:51 '65.
(MIRA 18:8)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

MALKIN, Khaim Ruvimovich; KURBATOV, N.D., red.; SOBOLEVA, Ye.M., tekhn.red.

[Thermal and electric rating of coaxial high-frequency cables] Teplovoi i elektricheskii raschet koaksial'nykh vysokochastotnykh kabelei. Moskva, Gos.energ.izd-vo, 1958. 96 p. (MIRA 12:2)
(Electric cables)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

VERNIK, S. M.; KURBATOV, N. D.

Methodology for the selection of pairs for high-frequency consolidation of municipal telephone cables. Elektrosviaz' 15 no.11:48-52 N '61. (MIRA 14:11)
(Telephone lines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SHINIBEROV, Pavel Yakovlevich; KURBATOV, Nikolay Dmitriyevich; SERGEYEVA, Klavdiya Kirillovna; GUMELYA, A.N., otv. red.; VOLODARSKAYA, V.Ye., red.; MARKOCH, K.G., tekhn. red.

[Communication lines] Linii sviazi. Moskva, Sviaz'izdat, 1962. 431 p. (MIRA 15:7)
(Electric lines--Overhead) (Telephone lines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GRODNEV, Igor' Izmaylovich; KURBATOV, Nikolay Dmitriyevich;
SERGEYCHUK, K.Ya., [redacted], red.;
TRISHINA, L.A., tekhn. red.

[Communication line structures] Lineinye sooruzheniia sviazi.
Moskva, Sviaz'izdat, 1963. 578 p. (MIRA 16:8)
(Electric lines--Overhead) (Telecommunication)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GUREVICH, A.S., kand. tekhn. nauk; KURBATOV, N.D., kand. tekhn. nauk

Mechanical reliability of communication cables. Elektrotekhnika 35 no.11:30-32 N '64. (MIRA 18:6)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, Nikolay Dmitriyevich; FROLOV, Pavel Alekseyevich; TYULYAYEV, A.N., otv. red.; KOMAROVA, Ye.V., red.

[Stability of the parameters of long-distance communication cables] Stabil'nost' parametrov kabelei dal'nei sviazi. Moskva, Sviaz', 1965. 103 p. (MIRA 18:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GUREVICH, A.S., kand. tekhn. nauk; KURBATOV, N.D., dotsent

Small-sized coaxial cable with polyethylene balloon insulation. Vest. sviazi 25 no.10:3-4 S '65. (MIRA 18:11)

1. Nachal'nik otdela kaboley svyazi Leningradskogo filiala Nauchno-issledovatel'skogo instituta kabel'noy promyshlennosti (for Gurevich). 2. Leningradskiy elektrotekhnicheskiy institut svyazi (for Kurbat[illegible]).

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N.D., inzh. (Litovskaya SSR); YASHAUSKAS, B. [Jasauskas, B.], inzh. (Litovskaya SSR)

Mechanization of sodding. Gidr. i mel. 16 no.7:59-61 Jl '64. (MIRA 17:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N.S., inzh. (Pretinga, Litovskoy [illegible]).

Practices in building tile drainage by using trenchers. Gidr. i mel. 16 no.12:44-45 D '64 (MIRA 18:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N.I.; KOCHKA, V.T.

Automation of welding operations at the Rostov Agricultural Machinery Plant. Mashinostroitel' no.2:10-11 F '60. (MIRA 13:5)

1. Nachal'nik byuro avtomatizatsii zavoda "Rostsel'mash" (for Kurbatov). 2. Zaveduyushchiy otdelom svarki TSentral'noy zavodskoy laboratorii (for Kochka).
(Electric welding) (Automatic control)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BARBAKOV, A.D., mashinist elektrovoza; KURBATOV, N.I., mashinist elektrovoza; CHEREPANOV, M.Kh., mashinst

Mechanics who have become engineers. Elek.i tepl.tiaga 5 no.9:30-32 S '61. (MIRA 14:10)

1. Lokomotivnoye depo Barabinsk Zapadno-Sibirskoy dorogi (for Barbakov). 2. Depo Perm' II (for Kurbatov). 3. Depo Vereshchagino Sverdlovskoy dorogi (for Cherepanov).
(Railroads—Employees education and training)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N.M., inzh.; KURBATOV, Ye.M.

Growth of marine diesel engine construction at the "Russkii Diesel" plant. Sudostroenie 23 no.8:16 Ag '57. (MIRA 10:11)
(Leningrad--Marine diesel engines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

VIKHOREV, K.A., inzh.; KURBATOV, H.M., inzh.

Supplying preassembled diesel engines from machine manufacturing plants and installing them in ships. Sudostroenie 24 no.7:50-53 Jl '58. (MIRA 11:9)

(Marine diesel engines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, Nikolay Vladimirovich; YANOVSKIY, Yevgeniy Borisovich; KOROL'KOV, V.G., red.; BUL'DYAYEV, N.A., tekhn. red.

[Handbook on magnetic tape recorders] Spravochnik po magnitofonam. Moskva, Gosenergoizdat, 1963. 60 p. (MIRA 16:6)
(Magnetic recorders and recording--Handbooks, manuals, etc.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, N.V.; POLYAKOV, V.A.; ROMANOVSKIY, V.N., kand.tekhn.nauk, red.; KULIKOV, V.N., red.; POLUKAROVA, Ye.K., tekhn. red.

[Training of students in radio engineering and power engineering professions] O podgotovke shkol'nikov po elektroradiotekhnicheskim i energeticheskim professiiam. Pod red. V.N. Romanovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1963. 77 p. (MIRA 17:4)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut proizvodstvennogo obucheniya.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, Nikolay Vladimirovich; YANOVSKIY, Yevgeniy Borisovich; ZHEREBTSOV, I.P., red.

[Assemblies and components of magnetic tape recorders] Uzly i detali magnitofonov. Moskva, Energiia, 1965. 103 p. (Massovaia radiobiblioteka, no.568) (MIRA 18:3)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

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L 11422-67 EWT(1) JB

ACC NR: AP6031270 SOURCE CODE: UR/0057/66/036/009/1665/1668

AUTHOR: Kurbatov, O.K.

ORG: none

TITLE: Energy and angular distributions of ions striking different portions of the cathode in a high voltage Penning discharge

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 9, 1966, 1665-1668

TOPIC TAGS: electric discharge, magnetic field, ion bombardment, angular distribution, energy distribution, space charge, vacuum pump

ABSTRACT: The author has employed the apparatus diagrammed in the figure to investigate the energy and angular distributions of the ions striking the cathode of a 7 kV Penning discharge in air at from 10^{-4} to 10^{-6} torr in an effort to obtain information relevant to the operation of Soviet types NEM-30, NEM-100, and NEM-300 magnetic discharge pumps. The numbers on the figure indicate the following different components of the apparatus: 1 - discharge cell with a square cross section and stainless steel walls; 2 - 20 x 20 x 15 mm anode, maintained at a potential of 7 kV during the measurements; 3 - plane titanium cathodes mounted 3 mm from the anode and maintained at ground potential during the measurements; 4 - permanent magnets producing a field of 700 Oe in the discharge region; 5 - 0.5 x 25 mm slot in one cathode for passage of ions; 6 - ion recording unit; 7 - 0.5 mm diameter collimating windows 10 cm apart; 8 - retarding electrode for measuring ion energies; 9 - Faraday cup; 10 - electrode maintained at

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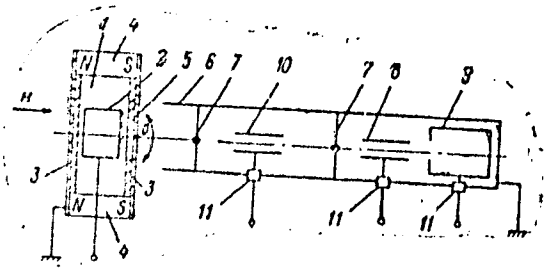
ACC NR:



50 V negative to clear the beam of electrons; 11 - insulators. The ion recording unit could be moved in the plane of the figure in the direction perpendicular to its axis in order to record ions striking the slot in the cathode at different distances from the axis of the discharge, and the discharge chamber could be rotated about an axis normal to the plane of the figure to record the angular distributions. The measured energy, angular, and radial distributions of the ions are presented graphically and the following conclusions are drawn: 1) The residual gas ions bombard mainly the central portion of the cathode; at 2×10^{-5} torr the ion current at 0.5 mm from the axis was only half the ion current on the axis. 2) Most of the ions strike the cathode nearly normally; at 2×10^{-5} torr the ion current recorded at an incidence angle of 1.5° was only half that recorded at normal incidence. 3) The energy of the ions striking the center of the cathode decreases with increasing pressure; the mean ion energy was 375 keV at 5×10^{-6} torr and 2.25 keV at 5×10^{-5} torr. and 4) The magnitude of the negative space charge and the size of the region that it occupies decrease with decreasing pressure. The author thanks M.I.Vinogradov for suggesting the topic, for his interest, and for discussions. Orig. art. has: 7 figures.

SUB CODE: 20 SUBM DATE: --Sep66 ORIG. REF: 003 OTH REF: 003

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APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, P.

Library section. Radio no.2:63 F '59.

1. Chlen soveta TSentral'nogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu. (MIRA 12:4)
(Radio clubs)

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, S.A.

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p. 214 (USSR) 112-1-1412

AUTHOR: Kurbatov, S.A.

TITLE: Automatic Machine for Electroplating Components (Avtomat dlya gal'vanicheskogo pokrytiya detaley)

PERIODICAL: Sbornik rats. predlozheniy. Min-vo elektrotekhn. prom-sti SSSR, 1955, Nr 55, pp.15-17

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, S.M.

Role of V.I.Vernadskii in the development of Russian geology. Min. i geokhim. no.1:7-12 '64. (MIRA 18:9)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, S.N.

Experience gained by our foresters. Put' i put.khoz. 5 no.7:36 Jl '61. (MIRA 14:8)

1. Starshiy inzh. zashchitnykh lesonasazhdeniy sluzhby puti, g. Novosibirsk.

(Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BUZANOV, I.F.; SAMBUROV, V.I.; YEMETS, G.M.; ORLOVSKIY, N.I.; NEGOVSKIY, N.A.; FEDOROV, A.I.; GNEKOV, M.A.; KURBATOV, S.T.; MEL'NICHUK, A.N.; TONKAL', Ye.A.; GORNAYA, V.Ya.; ROZHDESTVENSKIY, I.G.; SIDOROV, A.A.; KUDARENKO, F.F.; BROVKINA, Ye.A.; GELLER, I.A.; DOBROTVORTSEVA, A.V.; VARSHAVSKIY, B.Ya.; KUTSURUBA, N.V.; KUZ'MICH, S.I.; PRESNYAKOV, P.V.; USHAKOV, A.F.; SHEVCHENKO, V.N.; KHUCHUA, K.N.; PETRUKHA, Ye.I.; POZHAR, Z.A.; SHAPOVALOV, P.T.; AREF'YEV, T.I.; GRIGOR'YEVA, A.I., red.; BALLOD, A.I., tekhn. red.

[Sugar beets] Sakharnaia svekla. Moskva, Sel'khozizdat, 1963. 487 p. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. 2. Nauchnyye sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for all except Grigor'yeva, Ballod).
(Sugar beets)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, S. T. Cand Agr Sci -- (diss) "~~Distribution~~ Placing of sugar beets in ~~the~~ crop rotations of the main areas of beet-sowing of the USSR." Kiev, 1957 18 pp (Min of Agriculture USSR. Ukrainian Order of Labor Red Banner Agr Acad), 100 copies (KL, 11-58, 119)

-96-

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KHEYFETS, D.I., inzh.; KURBATOV, S.V., inzh.

Air conditioning of space with intensive artificial lighting. Vod. i san. tekh. no.10:36-37 O '65. (MIRA 18:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

"Passage Of Microspheres Through Pulmonary Circuit."

report submitted for the 21st International Congress of Physiological Sciences, Buenos Aires, 9-15 Aug 1959.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, T.T.

(3)

Bolder application of clarification sediment as fertilizer. T. T. Kurbatov and N. G. Lunev (Sugar Beet Trust, Kursk). *Sakharnaya Prom.* 23, No. 4, 31-8(1949). A clarification sediment from a sugar plant in the Kursk district had the following compn.: 0.3-0.4% N, 0.2-0.4% H_3PO_4, 0.5-0.7% K oxide, and up to 13% org. matter. Data on application of the sediments as fertilizer and crop yields obtained are tabulated.

Gladys S. Macy

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.; KHAMTSOV, A., khudozhnik-konstruktor

Brief courses of the All-Union Scientific Research Institute of Industrial Aesthetics. Tekh. est. 2 no.7:32-33 Jl '65. (MIRA 18:8)

1. Rukovoditel' kursov Vsesoyuznogo nauchno-issledovatel'skogo instituta tekhnicheskoy estetiki po povyshaniyu kvalifikatsii khudozhnikov-konstruktorov (for Kurbatov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut tekhnicheskoy estetiki (for Khamtsov).

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KUREATOV, V. A.

O polinomakh, kotoryye dayut podstanovki dlya beskonechno mnogikh prostykh chisel. Sverdlovsk, Uchen, Zap. Ped., inta, 4, 79-121.

SO: Mathematics in the USSR, 1917-1947
Edited by Kurosh, A. G.
Markusevich, A. I.
Rashevskiy, P. K.
Moscow-Leningrad, 1948

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Kuchinov, V.A.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V. A.

USSR/Mathematics - Pedagogical Methodology May/Jun 52

"Ural Scientific Methodics Conference of the Mathematical Chairs of Pedagogical VUZ (Higher Institutes of Learning)," V. A. Kurbatov

"Uspekh Matemat Nauk" Vol VII, No 3 (49), pp 182-184

Chairs of 24 institutes took part, besides mathematicians of 2 universities and of a number of higher technical institutes, all from the Urals, with more than 100 persons participating including 56 from other cities. The Sverdlovsk Pedagogical Inst called the conference to realize the resolution of the

218T74

USSR/Mathematics - Pedagogical Methodology (Contd) May/Jun 52

similar preceding (1951) conference held at Chelyabinsk. The 1st such conference was held in 1935. Titles of the 30 reports read are listed along with the lecturers' names.

218T74

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AUTHOR: KURBATOV, V.A. (Sverdlovsk) 39-3-4/8

TITLE: On Equations of Prime Power (Ob uravneniyakh prostoy stepeni)

PERIODICAL: Matematicheskiy Sbornik, 1957, Vol.43, Nr 3, pp.349-366 (USSR)

ABSTRACT: For an algebraic equation, the degree of which is a prime number, the author proposes a new criterion of solubility by radicals. The criterion allows a distinction of the soluble equations of prime number degree and with the same Galois group. In particular it follows from the criterion that there exist different types of formulas for the roots of equations of prime number degree and with the same Galois group soluble by radicals. Four theorems are proved upon the whole. 1 Soviet and 1 foreign reference are quoted.

SUBMITTED: 30 May 1956

AVAILABLE: Library of Congress

1. Algebra-Theory

Card 1/1

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KONTOROVICH, P.G.; KURBATOV, V.A. (Sverdlovsk); GUTMAN, A.Ya. (Moskva); DEYNEGA, A.V. (Kiyev); ISACHKIN, B.Ya. (Penza); NETRONINA, N.G. (Tambov); POMOMAREV, V.S. (Izhevsk); SELIVANOV, D.P. (Korsun'-Shevchenkovskiy, Cherkasskaya obl.); KOLIKOV, A.F. (Kalinin); SHOR, Ya.A. (Moskva); IVANOV, M.I. (Tula)

Discussion of the new mathematics curricula. Mat. v shkole no.3: 4-20 My-Je '59. (MIRA 12:9)

(Mathematics)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.A.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vsesoyuznyy matematicheskiy s"yezd. 3rd, Moscow, 1956

Trudy. t. 4: Kratkoye soderzhaniye sektsionnykh dokladov. Doklady inostrannykh uchenykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow. vol. 4: Summary of Sectional Reports. Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskiy institut.

Tech. Ed.: G.N. Shevchenko; Editorial Board: A.A. Abramov, V.G. Boltyanskiy, A.M. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.M. Nikol'skiy (Resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A. Rybnikov, P. L. Ul'yanov, V.A. Uspenskiy, N.G. Chetayev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first two volumes. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was printed in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, functional analysis, probability theory, topology, mathematical problems of mechanics and physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Karpelevich, F.I. (Moscow). Semisimple subgroups of real groups 10

Kurbatov, V.A. (Sverdlovsk). Solvable equations of prime power 11

Mukhamedzhan, Kh. Kh. (Sverdlovsk). On the theory of infinite solvable groups 12

Sorkin, Yu. I. (Moscow). Rings as sets with one operation subjected to a single identity 13

Section on Differential and Integral Equations

Andrianov, G.N. (Kazan'). Integral equations of inverse boundary value problems 14

Vinograd, R.E. (Moscow) On the upper bound of characteristic indices in small perturbations 14

Vishik, M.I. (Moscow). Solution of boundary value problems for elliptic equations in certain functional spaces 14

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.A.

Construction of solvable equations of simple degree. Izv.vys.ucheb. zav.; mat. no.1:125-138 '60. (MIRA 13:6)

1. Sverdlovskiy pedagogicheskiy institut.
(Equations)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

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S/039/60/052/002/002/004
C111/C222

AUTHOR: Kurbatov, V.A. (Sverdlovsk)

TITLE: Linear Dependence of Conjugate Elements

PERIODICAL: Matematicheskiy sbornik, 1960, Vol.52, No.2, pp.701-708.

TEXT: Let P be the coefficient field of the equation $\varphi(x) = 0$ of prime degree p irreducible in P. Let Ω be the field obtained from P by adjoining the elements $\varepsilon = \sqrt[p]{1}$ and $\sqrt{\Delta}$, where Δ is the discriminant of $\varphi(x) = 0$. In (Ref.2) the author showed that $\varphi(x) = 0$ is solvable by radicals then and only then if over Ω there exist linearly dependent elements $\theta_k = \theta(x_k)$, where x_k $(k=0,1,..,p-1)$ are the roots of $\varphi(x) = 0$ and $\theta(x)$ is a polynomial with coefficients in Ω. If

(1) $c_0\theta_0 + c_1\theta_1 + \ldots + c_{p-1}\theta_{p-1} = 0,$

then it follows

(2) $\theta_0 + \varepsilon^{\alpha}\theta_1 + \varepsilon^{2\alpha}\theta_2 + \ldots + \varepsilon^{(p-1)\alpha}\theta_{p-1} = 0$

and

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Linear Dependence of Conjugate Elements

(3) $U_\beta = \theta_0 + \varepsilon^\beta \theta_1 + \varepsilon^{2\beta}\theta_2 + \ldots + \varepsilon^{(p-1)\beta}\theta_{p-1} \neq 0,$

where $\alpha = \alpha_1, \ldots, \alpha_i$, $\beta = \beta_1, \ldots, \beta_j$ are remainder systems mod p. The set of equations (1) is a linear vector space $V(\theta)$ over Ω; (2) is a base of $V(\theta)$. Let $G(\theta)$ be the group of all permutations of p-th degree for which the equations of the space $V(\theta)$ remain fixed. $G(\theta)$ is called the group of the space of linear dependences of the conjugate elements θ_k $(k=0,1,\ldots,p-1)$. Let $\mathfrak{R}(p)$ be the multiplicative residue class group mod p. Let A be the set of elements α of $\mathfrak{R}(p)$ for which (2) is valid. Let B be the set of the other elements. The linear dependences of the $V(\theta)$ induce the cut $[A,B]$ in $\mathfrak{R}(p)$.

Theorem I: If $[A,B]$ is the cut of an infinite group, then the complexes AB^{-1} and BA^{-1} consist of the same elements.

Theorem II: If the equation $\varphi(x) = 0$ of prime degree p is irreducible in Ω and if its Galois group $\bar{G}$ lies in a proper subgroup G of the complete linear (metacyclic) group, then there exists a class of conjugate elements $\theta_k = \theta(x_k)$ $(k=0,1,\ldots,p-1)$ linearly dependent over Ω so that for this class

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C111/C222

Linear Dependence of Conjugate Elements

the group of the space of linear dependences $G(\theta)$ is isomorphic to the group G, while the cyclic base of the space of linear dependences in $\mathfrak{R}(p)$ induces a prescribed cut [A,B] the kernel of which is isomorphic to the intersection of $\mathfrak{R}(p)$ and G.
The kernel H of the cut [A,B] of a finite group Γ is defined by $H = \Gamma - AB^{-1}$.
The author mentions N.G.Chebotarev.
There are 3 Soviet references.

SUBMITTED: January 2, 1959

Card 3/3

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.A., inzh.

Constructing a concrete tunnel lining without interrupting the movement of train traffic. Transp. stroi. 14 no.9:21-22 S '64 (MIRA 18:1)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

ACC NR: AP6021765 SOURCE CODE: UR/0413/66/000/012/0020/0020

INVENTOR: Kurbatov, V. A.; Borisov, A. P.; Chernozemov, V. T.

ORG: None

TITLE: A press for making pipes and structural shapes. Class 7, No. 182664

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 20

TOPIC TAGS: metal forming press, die, pipe, fabricated structural metal

ABSTRACT: This Author's Certificate introduces: 1. A press for making tubes and structural shapes from light metals and alloys. This press consists of a frame on which is mounted a front cross member with back stroke cylinders, die and tool assembly. Parts with flanged ends are produced by an upsetting cylinder. This cylinder has a punch fastened to it and is equipped with a mechanism for removing this punch from its working position. These units are set in the front cross member. The press is also equipped with a mechanism mounted on the frame for separating the removable female die assembly which is mounted on the nozzle of the press. 2. A modification of this press in which the mechanism for removing the punch from its working position is made in the form of a lock which interacts with the punch. This mechanism is fixed to the power cylinder rod mounted on the front cross member of the press. 3. A modification of this press in which the mechanism for separating the removable die assembly

Card 1/2

UDC: 621.777.06:621.979

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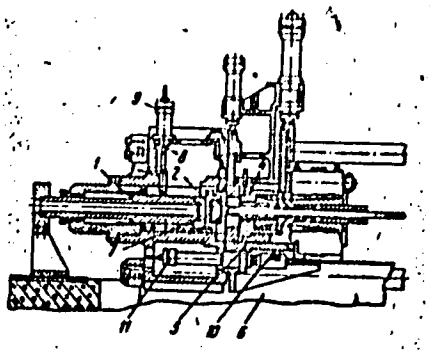
ACC NR: AP6021765

is made in the form of a lever which interacts with the die assembly and is driven by the power cylinder mounted on the frame.



1-upsetting cylinder; 2-removable punch; 3-front cross member; 4-removable die assembly; 5-die; 6-frame; 7-lock; 8-rod; 9-power cylinder; 10-lever; 11-power cylinder

SUB CODE: 13/ SUBM DATE: 06Mar65

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

MOCHALOV, P.P.; KURBATOV, V.A.; GETSELEV, Z.N.; ASTANIN, S.D.; ZIMIN, L.S.; SABUROV, V.V.

Induction furnace for heating slabs. TSvet. met. 38 no.4:83-86 Ap '65.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GOLOVINOV, M.F.; AYUPOV, R.N.; KAGAN, L.S.; LESHKEVICH, G.G.; KURBATOV, V.I.; KALUGIN, A.A.

Extrusion of pipe of varying cross sections. TSvet. met. 36 no.8:72-75 Ag '63. (MIRA 16:9)
(Extrusion (Metals)) (Pipe, Aluminum)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V. I.

USSR / Farm Animals. Cattle.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7356

Author : Gulyy, M. F.; Pshenichnyy, P. D.; Vasilenko, D. Ye.; Beletskaya, M. K.; Zhadan, A. B.; Kurbatov, V. I.; Os'makova, M. M.; Chizhskaya, G. Ya.; Shevchenko, N. I.

Inst : Not given

Title : Ways of Raising the Milk's Fat Content in Cows

Orig Pub : Vestn. s.-kh. nauk, 1957, No 8, 41-50

Abstract : In repeated experiments it was established that when brewer's yeast (3.3 liters per head daily) was temporarily fed to cows, their milk's fat content became increased (by 0.4 percent on the average) for a comparatively long time. When they were fed brewer's yeast and then sulfuric acid ammonia (60-75 g per cow daily, the milk's average fat content was additionally increased by 0.20-0.25 percent.

Card 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.M.

119-12-4/16

AUTHOR: Kurbatov, V. M.

TITLE: Electronic Frequency-Meters (Elektronnyye chastotomery)

PERIODICAL: Priborostroyeniye, 1957, Nr 12, pp. 12 - 14 (USSR)

ABSTRACT: In laboratories they are used as frequency-meters, in nuclear physics for counting elementary particles, and in the study of fluctuation-processes for impulse-counting. In recent times they are more and more often employed as receivers in distance-tachometers and telemetering systems. Figure 1 represents a block-scheme of an electronic frequency-meter and the course of voltage in the exits from every cell. The block-scheme consists of the following cells: amplifier-limiter; circuit for the formation of narrow impulses; "dosing" device; integration device; measuring apparatus. As is to be seen from the wiring scheme, the indications of the frequency-meter are only to a small degree dependent on the shape of the wave of the input-signal. Figure 2 represents a simple wiring scheme of a frequency-meter which is described and explained in detail. Experiments with this scheme showed that after a replacement of the diodes (tubes 6 x 6) by germanium-diodes of the type (Д Г -Ц 8) the indications of the frequency-meter are not dependent on the feed-voltage of the incandescent-current circuits.

Card 1/2

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Electronic Frequency-Meters

119-12-4/16

In the frequency range 0-3000 and 0-5000 cycles the graduation--deviation of the scale amounts to ± 0,4 and ± 2,5 % respectively. A change of the anode-voltage by 10 % causes an error of 8 %. In order to guarantee the linear dependence of the frequency and the measuring indications of the device, various complicated dosing devices were suggested which are further described (block-generator, trigger-action relay). Figure 3 shows a block-scheme of a dosing device with delay mark. Such a frequency-meter possesses a scale of 2 to 20 kilocycles per second with a graduation-deviation of at maximum ± 0,25 %. For the range of small frequencies, Yu. M. Otryashenkov in 1951 (reference 1) suggested a frequency-meter with trigger-action relay, stabilized by a circuit with shock-excitation. Figure 4 shows the block-scheme of such a device and figure 5 the electrical wiring scheme of a frequency-meter for small frequencies which is further described in detail. There are 8 figures, and 4 references, 1 of which is Slavic.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.M.

BARON, L.I., doktor tekhn. nauk; KURBATOV, V.M., nauchnyy sotrudnik; ORLOV, R.V., nauchnyy sotrudnik.

Effect of size correlation of rock samples on temporary resistance to crushing. Gor. zhur. no.2:17-19 F '58. (MIRA 11:3)

1. Institut gronogo dela AN SSSR.
(Rocks--Testing)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AUTHORS: Orlov, R. V., Kurbatov, V. M. SOV/32-24-10-38/70

TITLE: A Dynamometer for Measuring the Forces Engaged in an Impact Effect on Samples of Cylindrical Shape (Dinamometr dlya izmereniya sil pri udarnom vozdeystvii na obraztsy tsilindricheskoy formy)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 10, pp 1265-1265 (USSR)

ABSTRACT: A dynamometer was constructed (the diagram of which is given) which serves for the investigations mentioned in the title, and which may be used for samples of different materials. The anvil and the membrane of the dynamometer (carrying out the transfer of force) are made of steel of type Ш3 thermally treated up to a hardness of 50 R_C. The cell recording the deformation of the membrane after the impact is connected to three analogous wire-cells according to an ordinary bridge scheme. The bridge is fed by a generator which takes the voltage of the sound frequency. The electric pulse formed on the impact upon the sample is amplified and transmitted to the oscillograph МПО-2. The oscillogram of the impact of a 15 kg weight from a height of 10 cm upon a gypsum sample is given as an example. The maximum

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SOV/32-24-10-38/70

A Dynamometer for Measuring the Forces Engaged in an Impact Effect on Samples of Cylindrical Shape

stress is 960 kg/cm^2, the duration of impact is 6,3 msec. There are 2 figures.

ASSOCIATION: Institut gornogo dela Akademii nauk SSSR (Mining Institute AS USSR)

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AUTHOR: Kurbatov, V. M. SOV/32-24-10-45/70

TITLE: An Apparatus for Measuring Small Deformations in Compression Tests on Rock Samples (Ustroystvo dlya izmereniya malykh deformatsiy pri ispytanii obrazcov gornykh porod na szhatiye)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 10, pp 1274-1275 (USSR)

ABSTRACT: To investigate the properties of rocks, small samples of a discoid shape (of a ratio between height and diameter of 0,12-0,2) must be investigated with respect to compression. By the compression in the central part of such a sample tensions are formed which may increase up to some 10 tons per cm^2. In the present case an apparatus for these investigations was constructed and tested. From a diagram and the description given it may be seen that the appparatus consists of a plunger (made of Kh12F -steel) and two pillows and a matrix, as well as of an optical reading tube. The extent of the deformation of the sample in the compression is determined by the displacement of a needle. This displacement is recorded by means of an optical device consisting of a microscope (of the type ' MIR-1") and a Tessar objective. The accuracy of the reading is given to be 5μ. The compression diagram obtained in the investigation of an apatite ore sample

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SOV/32-24-10-45/70

An Apparatus for Measuring Small Deformations in Compression Tests on Rock Samples

is mentioned as an example. There are 2 figures.

ASSOCIATION: Institut gornogo dela Akademii nauk SSSR (Institute of Mining, AS USSR)

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SOV/32-25-3-43/62

25(2)

AUTHORS: Baron, L. I., Kurbatov, V. M., Orlov, R. V.

TITLE: Pendulum Impact Testing Machine for the Determination of the Energy Capacity of Demolition (Mayatnikovyy koper dlya opredeleniya energoyemkosti razrusheniya)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 361-362 (USSR)

ABSTRACT: In the case of sample demolitions especially of rocks, due to impacts, only part of the impact energy can be transformed into demolition energy. In order to determine this part of the energy, a special pendulum impact testing machine was designed (Fig 1). The device has a pendulum anvil to which the rock sample is attached, and a pendulum hammer. Both pendulums are freely suspended on thin steel wire and can revolve in ball bearings around a fixed axle. By means of this device the energy amount, which is absorbed by cylindrical samples in the demolition process, as a function of the height of these samples was investigated. A diagram of the values obtained by the testing of concrete samples with an impact energy of 6 kgm is given (Fig 2). In the demolition process the absorbed energy mounts in proportion with the height of the sample and gradually approaches a constant value.

Card 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SOV/32-25-3-43/62

Pendulum Impact Testing Machine for the Determination of the Energy Capacity of Demolition

Investigations showed that the part of the energy which is absorbed at the demolition of the samples is approximately the same for various brittle materials, and is about 70% of the entire impact energy under the above mentioned conditions. There are 2 figures.

ASSOCIATION: Institut gornogo dela Akademii nauk SSSR (Institute of Mining, Academy of Sciences, USSR)

Card 2/2

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BARON, Lazar' Izrailevich, prof., doktor tekhn. nauk; KONYASHIN, Yuriy Gavrilovich; KURBATOV, Vladimir Mikhaylovich; KOSTAN'YAN, A.Ya., red.izd-va; MAKOGONOVA, I.A., tekhn. red.

[Crushability of rocks] Drobimost' gornykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1963. 165 p. (MIRA 16:7)

1. Zaveduyushchiy otdelom razrusheniya gornykh porod Instituta gornogo dela im. A.A.Skochinskogo (for Baron).
(Rocks--Testing)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BARON, L.I., prof., doktor tekhn. nauk; KURBATOV, V.M., inzh.

More on compression diagrams of hard rocks. Nauch. soob. IGD 18:114-120 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.M., inzh.

Effect of the speed of applying a load on the indices of the mechanical properties of rocks. Nauch. soob. IGD 21:95-101 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V. P.

14-57-6-12587

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6, p 121 (USSR)

AUTHOR: Kurbatov, V. P.

TITLE: Acclimatization of the North American Raccoon (Procyon lotor L.) to the Forests of Nut Trees and Apple Trees in Southern Kirgizia /Akklimatizatsiya severoamerikanskogo yenota (Procyon lotor L.) v orekhovo-yablonevykh lesakh yuzhnoy Kirgizii/

PERIODICAL: V sb: Akklimatiz. pushnykh zverey v Kirgizii, Frunze, 1956, pp 83-106

ABSTRACT: While in the Tashkent Zoological garden, from 1932 to 1935, one pair of North American raccoons produced a brood of 15 males and 7 females; in July, 1936, these were released in the area occupied by the Gavinskiy forest farm in Arslanbob. During the first year the animals moved only 4 km or 5 km away from the place

Card 1/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

Acclimatization of the North American Raccoon (Cont.) 14-57-6-12587

where they had been released. They spread for 25 km during the second year. Then their position remained virtually unchanged until 1941. By 1951 the raccoons occupied an area of approximately 55 sq km, and were found by the headwaters of the Apartan, Apash-Say, Kazyly-Mazar, and Shaydan-Say reki (rivers), as well as near the right side tributaries of the Kara-Ungur. Single specimens entered Baras-Bis and the area around the village of Sadovoye(A map of the spread of the raccoons in 1941 and in 1951 is included). First offspring were observed in 1939. Raccoons feed mainly on molluscs, beetles, grasshoppers and centipedes, but also eat walnuts, corn seeds, green parts of plants, pears, quinces, hawthorn, etc. They begin feeding at dusk. During the night one animal will cover as much as 2 km in search of food. Raccoons live near brooks, where their individual runs may clearly be seen. Study of their spoor tells the size of the area which they inhabit; in 1951 it increased approximately six times, and equalled 1 sq km.

Card 2/2

L. Dinesman

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

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KORKUNOV, I.N.; KURBATOV, V.P.; MUGRUZIN, A.S.; SUKHARCHUK, G.D.; ZAKHMATOVA, M.R., red.izd-va; KRASNAYA, A.K., tekhn.red.

[Socialist transformation of agriculture in the Chinese People's Republic, 1949-1957] Sotsialisticheskoe preobrazovanie sel'skogo khozaistva v Kitaiskoi Narodnoi Respublike, 1949-1957. 206 p. (MIRA 13:4)
(China--Agriculture)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V. P.

Dissertation defended for the degree of Candidate of Economic Sciences at the Institute of the Peoples of Asia

"State Sector in the Agriculture of the Chinese Peoples' Republic and Its Role in the Socialsit Transformation of the Chinese Countryside (1949-1957)."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AUTHORS: Tsiperovich, M.V., Cand. Tech. Sc., Kurbatov, V.P., Ing. and Khvorov, V.V., Ing. (VUKhIN).

154

TITLE: Enrichment of fine coal in a hydrocyclone. (Obogoshcheniye melkogo uglya v gidrotsyklone).

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No.3, pp. 6 - 10 (U.S.S.R.)

ABSTRACT: Results of an investigation of the process of beneficiation of fine coal in a hydrocyclone are given. Hydrocyclone used: diameter 200 mm, throughput 30 m^3/hr (of water) at 3 atm pressure, Fig.2. Coal size 3 - 0.5 mm, 3 - 0 mm and 6 - 1 mm; circulating liquid - calcium chloride solution. During preliminary experiments optimum dimensions of hydrocyclones were established. The results of beneficiation experiments (Tables 1 - 5) were satisfactory. Further experiments were carried out on a semi-industrial scale with magnetite suspension as a separating medium. The plant used is described (Fig.3) and an example of typical beneficiation results is given in Tables 7 and 8. The following deficiencies in the operation of the plant were encountered: small output (3.5 - 4 ton/hr), poor separation of slurries from the coal passing into the hydrocyclone, large losses of magnetite (9.8 kg/ton) and the lack of an automatic apparatus for maintaining the magnetite suspension at a constant specific gravity. It is expected that these deficiencies will be rectified in 1957. There are 9 tables and 3 diagrams.

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

SOV/68-58-9-3/21

AUTHOR: Kurbatov, V.P.

TITLE: A Scheme for the Beneficiation of Fine, Difficult to Enrich Coals in Hydrocyclone using Magnetite Suspension (Skhema obogashcheniya melkikh trudnoobogatimykh ugley v gidrotsiklone s ispol'zovaniyem magnetitovoy suspenzii)

PERIODICAL: Koks i Khimiya, 1958, Nr 9, pp 10-13 (USSR)

ABSTRACT: In 1956-57 VUKhIN carried out a semi-industrial experimental beneficiation of difficult to enrich fine coals in hydrocyclone according to three schemes. Schemes 1 and 2 differed in the method of supplying coal pulp to vertical hydrocyclones (Figs 1 and 2 respectively). In scheme 3 (Fig 3) the separation of coal into three products was carried out in two cyclones placed in succession. In the first cyclone supplied, with suspension of s.gr. 1.48 - 1.50, the separation according to specific gravity 1.75 - 1.80 takes place. Separated gangue was removed and the mixture of concentrates and intermediate product was passed by gravity to the second cyclone where the separation according to specific gravity 1.40 - 1.50 takes place. The concentrate and the intermediate product were again mixed and passed to screens for washing out of heavy

Card 1/2

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SOV/68-58-9-3/21

A Scheme for the Beneficiation of Fine, Difficult to Enrich Coals in Hydrocyclone using Magnetite Suspension

medium. As a heavy medium magnetite containing 85-90% of -200mesh fraction was used. After double treatment of the effluent the losses of magnetic fraction amounted to about 2.5%. The experimental results are given in tables 1 and 2. On the basis of the results obtained an industrial beneficiation scheme (Fig 4) is proposed. The importance of the following points is stressed: 1) supply of the starting coal and suspension to hydrocyclone should be done by gravity from a mixing tank and not by pumps; 2) when separating coal into three products two successively placed hydrocyclones are necessary.
There are 2 tables and 4 figures

ASSOCIATION: VUKhIN

Card 2/2

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

[illegible]V, V.P., Cand Tech Sci —(di[illegible]) "On the study of [illegible] constructive [illegible] technological conditions of the performance of a hydrocyclon [illegible] for the [illegible] of coal fines in [illegible]." [illegible], 19[illegible] [illegible] (Min of Higher Education USSR. Tomsk Polytech Inst in S. M. Kirov), 1[illegible] copies ([illegible], 3[illegible]-[illegible], 1[illegible])

-21-

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.P.; OSIPOV, O.A.; KOVALENKO, K.N.

Inner-complex compounds of copper with β-aminovinyl ketones.
Zhur. neorg. khim. 10 no.2:545-548 F '65. (MIRA 18:11)

1. Submitted June 12, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V. S.

PA 241T47

USSR/Geophysics - Triassic Fauna Nov/Dec 52

"The Presence of Triassic Deposits in Tuarkyr," L. D. Kiparisova and V. S. Kurbatov

"Iz Ak Nauk SSSR, Ser Geol" No 6, pp 76-84

Describe the lower Triassic fauna, first discovered in 1950 by V. S. Kurbatov and M. P. Sukacheva in Tuarkyr, which makes it possible to compare, according to their content of ammonites of the Doricranite species, the lower Triassic deposits with the lower Triassic of the Mangishlak peninsula and Mt Bordo.

241T47

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AURBAKOV, V.S.; MAL'TSEV, E.I.; MASLAKOV, A.I.; STAKHEOV, G.M.; CHUVILO, I.V.; SHKLOVSKAYA, A.I.

Determining the electron energy in the range of 20 to 250 Mev. in a xenon bubble chamber. Prib. i tekh.eksp. 10 no.5:61-63 S-O '65. (MIRA 19:1)

1. Ob"yedinennyy institut yadernykh issledovaniy, Dubna. Submitted July 21, 1964.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

ZAVODCHIKOV, Petr Alekseyevich; KURBATOV, Valerian Vladimirovich; MAZOVER, Aleksandr Pavlovich; NAZAROV, Viktor Petrovich; BOLOGOV, G.N., red.; BARANOVA, L.G., tekhn.red.

[Manual on dog breeding] Spravochnaia kniga po sobakovodstvu. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 317 p. (MIRA 13:12)

(Dog breeding)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

15-57-1-497

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, p 80 (USSR)

AUTHORS: Starik, I. Ye., Melikova, O. S., Kurbatov, V. V., Aleksandruk, V. M.

TITLE: The Relation of Temperature to the Emanation Factor of Uraninite for Radon, Thoron, and Actinon (Zavisimost' emaniruyushchey sposobnosti uraninita po radonu, toronu i aktinonu ot temperatury)

PERIODICAL: Byul. Komis. po opredeleniyu absolyut. vozrasta geol. formatsii AN SSSR, 1955, Vol 1, pp 33-38.

ABSTRACT: Uraninite containing $2.16 \cdot 10^{-7}$ g/g Ra, $2.39 \cdot 10^{-1}$ g/g Th, and $8.0 \cdot 10^{-11}$ g/g Ac was studied for emanations of radon, actinon, and thoron during heating. It was found that the emanation factor for radon (K_{Rn}), equal to 2.1, remains almost constant up to 90°. It decreases sharply to 1.0 in the interval from 90° to 100°. The emanation factor for thoron (K_{Tn}) is 1.14 at 21°, and it gradually decreases to 0.75 on heating to 100°. The

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

15-57-1-497

The Relation of Temperature to the Emanation Factor (Cont.)

emanation factor for actinon (K_{An}) is 0.30 at 21° and remains practically constant on further heating. The emanation factor for all three elements remains almost unchanged up to 410°. Above 410° a sharp increase is marked: K_{Rn} reaches 86.0 and K_{Tn} reaches 12.3 at 900°; K_{An} begins to increase above 780° and reaches 12.3 at 900°. X-ray studies of the roasted samples show that uraninite is still unchanged at 220°. At 680° and 780°, the samples are similar to each other in structure and are distinguished from unroasted varieties by less distinct lines. U_3O_8 begins to have considerable influence on the samples at 1000°. The decrease in emanation factor at 100°, with no change in structure, is apparently associated with the loss of 0.62 percent water. The increase in the emanation factor is associated with destruction of the crystal lattice.

Card 2/2

K. M. P.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

ZHIROV, K.K.; KURRATOV, V.V.

X-ray measurement study of the suitability of monazites for determining the geological age. Biul.Kom.po opr.abs.vozr.geol.form.no.1:53-56 '55. (MIRA 9:10)

1. Radiyevyy institut imeni V.G. Khlopina AN SSSR.
(Monazite) (Geological time) (X rays)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.V.

X-ray investigation of various precipitates deposited in alkaline solutions of sodium peroxyuranate. Trudy Radiev.inst.AN SSSR. 8:117-121 '58. (MIRA 12:2)
(X rays--Measurement) (Uranates)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.V.

X-ray investigation of sodium peroxyuranate. Trudy Radiev.inst. AN SSSR. 8:122-126 '58. (MIRA 12:2)
(X rays--Measurement) (Sodium peroxyuranate)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, V.V.

X-ray study of wiikites of northern Karelia. Zap.Vses.min.ob-va 88 no.3:328-330 '59. (MIRA 12:11)

1. Radiyevyy institut AN SSSR, Leningrad, deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo obshchestva.
(Karelia--Wiikite)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

STARIK, I.Ye., KURBATOV, V.V., LITVINA, L.A.

Effect of heat on the texture of micas and microcline and the preservation of argon in them. Zap. Vses. min. ob-va 88 no.6:724-728 '59. (MIRA 13:8)

1. Radiyevyy institut im. V.G.Khlopina AN SSSR, Leningrad.
(Microcline) (Mica) (Argon)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GERLING, Erik Karlovich. Prinimali uchastiye: YASHCHENKO, M.L., starshiy nauchnyy sotrudnik; YERMOLIN, G.M., starshiy nauchnyy sotrudnik; TITOV, N.Ye., mladshiy nauchnyy sotrudnik; AFANAS'YEVA, L.I., mladshiy nauchnyy sotrudnik; KOL'TSOVA, T.V., mladshiy nauchnyy sotrudnik; OVCHINNIKOVA, G.V., mladshiy nauchnyy sotrudnik; SHUKOLYUKOV, Yu.A., mladshiy nauchnyy sotrudnik; LEVSKIY, L.K., mladshiy nauchnyy sotrudnik; MOROZOVA, K.M., mladshiy nauchnyy sotrudnik; MATVEYEVA, I.I., mladshiy nauchnyy sotrudnik; BARKAN, V.G., mladshiy nauchnyy sotrudnik; BARANOVSKAYA, N.V., mladshiy nauchnyy sotrudnik; VARSHAVSKAYA, E.S., mladshiy nauchnyy sotrudnik; SERGEYEV, A.N., starshiy laborant; KURBATOV, V.V., starshiy nauchnyy sotrudnik; KRATTS, K.O., kand.geol.-mineral.nauk, otv.red.; ARON, G.M., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Present status of the argon method for age determination and its use in geology] Sovremennoe sostoianie argonovogo metoda opredeleniia vozrasta i ego primenenie v geologii. Moskva, Izd-vo Akad.nauk SSSR, 1961. 130 p. (MIRA 14:12)

1. Radiyevyy institut im. V.G.Khlopina (for Kurbatov).
(Geological time) (Radioargon dating)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GERLING, E.K.; MOROZOVA, I.M.; KURBATOV, V.V.

Retention of radiogenic argon in powered potassium minerals. Geokhimiia no.1:39-48 '61. (MIRA 14:3)

1. Laboratoriya geologii dokembriya i Radiyevyy institut im. V. G. Khlopena AN SSSR, Leningrad.
(Argon)
(Microcline)
(Mica)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

GOMOLITSKIY, N. P.; KURBATOV, V. V.; SIKSTEL', T. A.

New materials characterizing the genus Pachypteris (Pteridospermaphyta). Paleont. zhur. no.2:166-167 '62.
(MIRA 15:10)

1. Glavnoye upravleniye geologii i okhrany nedr Uzbekskoy SSSR, Tashkent.

(Pteridospermae)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BLINOVA, N.I.; KURBATOV, V.V.; SOLNTSEV, V.M.

Roentgenometric study of the system U_3O_8 - U_2O_5. Radiokhimiia 6 no.4: 463-466 '64. (MIRA 18:4)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

AUTHOR: Kurbatov, Ya.I., Chief Mine Surveyor 127-12-16/28

TITLE: Mining of Flat Veins in the Baley Mine (Razrabotka pologo-padayushchikh zhil na rudnike Baley)

PERIODICAL: Gornyy Zhurnal, 1957, No 12, pp 61-62 (USSR)

ABSTRACT: The enclosing rocks of the flat quartz veins of the Baley deposit are conglomerates. The average vein thickness is 50 cm; their dip angle varies from 5 to 45° being on the average 25°. The vein extension on the strike is from 20 to 500 m. The Baley deposit veins can be divided into 2 groups:
1. With unstable enclosing rocks, which are mined by the room-and-pillar system to the rise, and
2. With enclosing rocks of a medium stability. These veins are mined either by the longwall system on the strike or by the longwall fan-shaped system. The author cites some technical and economical characteristics of these systems and notes their drawbacks, in particular the high consumption of timber, and suggests some measures to rise the efficiency of the mining. The article contains 3 figures and 1 table.

ASSOCIATION: The Baley Mine (Rudnik Baley)

AVAILABLE: Library of Congress

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"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

D'YACHENKO, Ya., polkovnik; KURBATOV, Ye., mayor; BORISOV, I., mayor

Shorten the time of firing for adjustment; discussion of the article published in No. 6. Voen. vest. 43 no.9:73-75 S '63. (MIRA 16:10)

(Fire control (Gunnery))

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, YE.M.

KURBATOV, N.M., inzh.; KURBATOV, Ye.M.

Growth of marine diesel engine construction at the "Russkii Diesel" plant. Sudostroenie 23 no.8:16 Ag '57. (MIRA 10:11)
(Leningrad--Marine diesel engines)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BRUDKOV, N.; KIRIK, I.; AL'F, M.; KURBATOV, Yu.

"Our suggestions for improving the economic work of financial organs." Fin. SSSR 22 no.7:72-76 Jl '61. (MIRA 14:7)

1. Nachal'nik sektora otchisleniy ot pribyli Belgorodskogo oblfinotdela (for Brudkov). 2. Zamestitel' nachal'nika otdela gosdokhodov Kirovogradskogo gorfinotdela (for Kirik). 3. Zaveduyushchiy Novopromyshlennym rayfinotdelom g. Kalinina (for Al'f). 4. Nachal'nik inspektsii gosdokhodov Kominternovskogo rayfinotdela Khar'kova (for Kurbatov).
(Finance) (Auditing)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

KURBATOV, Yu.L.; [illegible], A.Ye.; [illegible]

Studying the conditions of steel [illegible] by [illegible] model.
Izv. vys. ucheb. zav.; chern. met. 7 no.[illegible] '64.
(MIRA 17:9)

1. Kuznetskiy metallurgicheskiy kombinat.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"

"APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8

BORODIKHIN, A.P.; KURBATOV, Yu.L.; LUKOMSKAYA, N.O.

Studying gas dynamics in the heating system of the large-capacity type PVR coke ovens. Koks i khim. no.10:31-35 '63. (MIRA 16:11)

1. Kuznetskiy metallurgicheskiy kombinat.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000927620016-8"