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USSR

Angular distribution of photons of the destruction of electron-positron pairs. V. G. Baklaev and N. P. Klepikov. *Vestnik. Moskov. Univ.* 8, No. 6, *Ser. Fiz.-Mat. i Estestven. Nauk* No. 4, 103-10(1953).—Annihilation of positrons in metals is considered on a theoretical basis. The features are (1) the assumption of a Maxwell distribution of the velocities of the positrons and (2) the introduction of Coulombic factors in the probability of the annihilation processes. The distribution can then be calcd. by the equation:

$N(x) = \int_0^{\pi} d\psi\, \Phi(\psi, x) \cdot N(\psi)$ where x is the angle between the lines joining the photon source and the counters for their detection, ψ is the angle between the emitted photons, and $\Phi(\psi, x)$ is a geometrical function of ψ and x. $N(\psi)$ is a function which is related to the probability of annihilation as based on Dirac's theory. The results from the theoretical calcns. are compared with the exptl. data obtained by Vlasov and Dzhelepov (*C.A.* 45, 7439a, 9388c). Extension to the cases of 3 photon emission annihilation processes is discussed. Paul Z. Feng

Prof. [illegible]

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, V.G.

Outstanding scientist and materialist. Nauka i zhizn' 23 no.9:58-59 '56.
(Boltzmann, Ludwig, 1844-1906) (MLRA 9:10)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, V.G.

BAKLAYEV, V.G.

L. Boltzmann and M. von Planck's quantum hypothesis. Vop. ist. est. i tekh. no.4:167-169 '57. (MIRA 11:1)
(Quantum theory) (Boltzmann, Ludwig, 1844-1906)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

1. BAKLAYEV, Ya. P.; GUKHMAN, N. Yo.; KORZHINSKIY, D. S.; KOROL'KOV, A. A.; SERGIYEVSKIY, V. M.; USHAKOVA, M. V.; and CHERNYSHEV, V. F.

2. USSR (600)

4. Turinsk District - Copper Ores

7. Turinsk group of copper ore deposits in the Urals. (Abstract.) Izv.Glav.upr.geol. fon. no. 3, 1947.

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

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, Ya.P.; OVCHINNIKOV, L.N., prof., doktor geol.-min.nauk, otv. red.; VAYSBERG, S.I., red.; IZMODENOVA, L.A., tekhn.red.

[Geology and potential of the Tur'insk contact-metasomatic deposits of copper in the northern Urals] Geologicheskoe stronie i perspektivy Tur'inskikh kontaktovo-metasomaticheskikh mestorozhdenii medi na severnom Urale. Sverslovsk, 1959. 141 p. (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy, no.37) (MIRA 13:2)
(Tur'insk region--geology)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, Ya.P.; BAKLAYEVA, M.V.

Native bismuth and some minerals from the Tur'inskiy copper ore deposits in the Urals. Trudy Gor.-geol. inst. UFAN SSSR no. 42:63-66 '59. (MIRA 14:2)

(Ural Mountains—Minerals)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, Ya.P.

Regularities in the distribution of iron in skarns. Trudy Gor.-geol. inst. UFAN SSSR no. 35:21-26 '60. (MIRA 14:1)
(Turinsk region (Ural Mountains)--Skarns)
(Turinsk region (Ural Mountains)--Iron)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

1. BAKLAYEVA, M. V.

2. USSR (600)

4. Turinsk District - Molybdenum Ores

7. Molybdenum minerals in the western wing of the Nikitin deposits (group of the Turinsk pits in the Northern Urals). (Abstract) Izv.Glav.upr.geol.fon) no. 3, 1947.

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

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

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OVCHINNIKOV, L.N.; BAKLAYEV, Ya.P.

Regularities in the distribution of contact-metasomatic Ural deposits in connection with compiling large-scale maps of the metallogeny and prospects. Trudy Gor.-geol.inst. UFAN SSSR no.58:79-110 '62. (MIRA 15:12)

(Ural Mountains—Ore deposits)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, Ya.P.; OVCHINNIKOV, L.N.

Structural characteristics of the distribution of contact-metasomatic endogenetic deposits in the Urals. Sov. geol. 7 no.9:62-76 S '64. (MIRA 17:10)

1. Ural'skiy filial AN SSSR.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BABA, C.V.

Reference systems used in the theory of three-phase electrical systems
Studii cerc energet A 12 no.4:633-643 '62.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BALA, Zygmunt, ins.

Defects in machining slide pins. Przegl kolej mechan 13 no.6:184-185 Je '61.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BALABAN, A.T.

On the genetic code which directs the protein synthesis. Rev chimie Min petr 13 no.11:679-681 N '62.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BEJAN, I.; BALABAN, E.

Experimental study on the automatic forcing of the synchronous motor excitation by the aid of magnetic amplifiers. Probleme automatis 4: 9-23 '63.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BALABANOV, Vladimir

New reverberatory furnace systems for cast-iron melting. Slevarenstvi 11 no.2:77-79 F '63.

1. Vysoka skola banska, Ostrava.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BALABIN, I.V.; PUTIN, V.A.

Efficient design of disk wheel fastenings for motortrucks. Avt.prom. 29 no.3:24-27 Mr '63. (MIRA 16:3)

1. TSentral'noye konstruktorskoye byuro po obodam. (Motortrucks—Wheels).

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLAYEV, Ya.P.; BAKLAYEVA, M.V.

Native bismuth and some minerals from the Tur'inskiy copper ore deposits in the Urals. Trudy Gor.-geol. inst. UFAN SSSR no. 42:63-66 '59. (MIRA 14:2)

(Ural Mountains--Minerals)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

CHUDNOVSKIY, Yu.A., inzh.; GOGICHASHVILI, T.A.; FANDEYEV, I.I.; BAKLAYKIN, V.Ya.

New semimounted assembly method for a span. Transp. stroi. 11 no.8:17-19 Ag '61. (MIRA 14:9)
(Ob' River—Bridge construction)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

IGNATOVA, L.; BAKLAZHENKO, L.

"Machinery and technology of warp-knitted fabric production" by O.D. Galanina, A.M. Katsenelenbogen. Reviewed by L.Ignatova, L.Baklazhenko. Leg. prom. 18 no.9:57 S '58. (MIRA 11:10)
(Knitting, Machine)
(Galanina, O.D.)
(Katsenelenbogen, A.M.)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

GOLOVUSHKINA, A.B. [Holovushkina, A.B.] BAKLAZHENKO, L.G. [Baklazhenko, L.H.]

Reducing the breakage of rayon silk on high-speed beard-needle knitting machines. Leh. prom. no.3:21-23 Jl-S '64. (MIRA 17:10)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLEMISHEV, A.V.; KUZNETSOVA, Ye.B., redaktor; GAVRILOV, S.S., tekhnicheskiy redaktor

[Physical measures and units] Mery i edinitsy fizicheskikh velichin. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 283 p. (MLRA 8:3)
(Units) (Physical measurements)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLEMISHEV, K.V.

Biogeographical characteristic of some Antarctic zooplankton species. Dokl. AN SSSR 120 no. 3:507-509 My '58. (MIRA 11:7)

1. Institut okeanologii AN SSSR. Predstavleno akademikom A.A. Origor'yevym.

(Antarctic regions--Zooplankton)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

MITSIO NAKAMURA; SOICHI KHOSOI; BAKLI, A.R.; PARKINSON, U.; ATKINS, G.B.; KIL'PINEN, Urkho; PERGYUSON, D.D.; MAKVEYG, Amos; TAMMINEN, Mauro; ISKARO, Rubens; ZILLER, Armando

Significance of the Fifth World Trade-Union Congress to the workers. Vsem. prof. dvizh. no.8:7-14 Ag '61. (MIRA 14:8)

1. Chlen Ispolnitel'nogo komiteta mestnoy sektsii v Niigata, Yaponiya (for Mitsuo Nakamura). 2. Chlen TSentral'nogo ispolnitel'nogo komiteta profsoyuza trudyashchikhsya gosudarstvennykh zheleznykh dorog, Yaponiya (for Soichi Khosoi). 3. General'nyy sekretar' Federatsii kotel'shchikov Avstralii (for Bakli). 4. Predsedatel' Avstraliyskoy federatsii gornyakov i trudyashchikhsya shifernykh predpriyatiy (for Parkinson). 5. Federal'nyy sekretar' Assotsiatsii kuznetsov Avstralii (for Atkins). 6. Sekretar'kaznachey Avstraliyskoy assotsiatsii parovoznykh mekhanikov i mashinistov (Novyy Yuzhnyy Uel's) (for Pergyuson). 7. Sekretar' Avstraliyskoy federatsii rabotnikov promyshlennosti po proizvodstvu alkogol'nykh napitkov i rodstvennykh predpriyatiy (sektsiya Novogo Yuzhnogo Uel'sa) (for Makveyg). 8. Sekretar' profsoyuza kamenshchikov Finlyandii (for Kil'pinen). 9. Sekretar' profsoyuza vodolazov Finlyandii (for Tamminen). 10. Chlen Ispolnitel'nogo komiteta Vsemirnoy federatsii profsoyuzov (for Iskaro). 11. Vitse-predsedatel' Natsional'noy konfederatsii bankovskikh sluzhashchikh Brazilii, predsedatel' Federatsii bankovskikh sluzhashchikh shtata Minas Zherias (for Ziller). (World Federation of Trade Unions--Congresses)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLI, G.

Rost kristallov. Perevod s angliiskogo M.A. Kulakova (Crystal growth. Translated from the English by M.A. Kulakov). Pod red. O.M. Anshelesa i V.A. Frank Kamenetskogo. Moskva, Izd-vo inostr. lit-ry, 1954. 406 p.

SO: Monthly List of Russian Accessions, Vol 7, No. 8, Nov. 1954

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

VYZGO, M.S., prof., otv.red.; ARIPOVA, F.M., kand.tekhn.nauk, red.; IBRAHIMOV, M.I., inzh., red.; KUZ'MINOV, M.P., kand.tekhn. nauk, red.; MUKHAMEDOV, A.M., kand.tekhn.nauk, red.; RESHETKINA, N.M., kand.geol.-min. nauk, red.; KHAMUDKHANOV, M.Z., kand. tekhn. nauk, red.; GAYSINSKAYA, I.G., red.; KISELEVA, V.N., red.; BAKLITSKAYA, A.V., red.; SOKOLOVA, A.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Power, hydraulic, and mining engineering]Voprosy energetiki, gidrotekhniki i gornogo dela. Tashkent, Izd-vo AN UzSSR, 1961. 262 p. (MIRA 15:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Otdeleniye tekhnicheskikh nauk. 2. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Vyzgo).
(Power engineering) (Hydraulic engineering)
(Mining engineering)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SULTANOV, Abdulla Sultanovich, kand. khim. nauk; RUSTAMOV, Kh.R., doktor khim. nauk, otv. red.; BAKLITSKAYA, A.V., red.; GOR'KOVAYA, Z.P., tekhn. red.

[D.I.Mendeleev's chemical theory of catalysis and its further development] Khimicheskaia teoriia kataliza D.I.Mendeleva i dal'neishee ee razvitie. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 98 p. (MIRA 14:7)

1. Nauchnyy rukovoditel' laboratorii podbora katalizatorov polimerizatsii Instituta khimii polimerov Akademii nauk Uzbekskoy SSR (for Sultanov)

(Catalysis)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

USMANOV, Kh.U., prof., doktor khim. nauk; NIKONOVICH, G.V.; BAKLITSKAYA, A.V., red.; KARABAYEVA, Kh.U., tekhn. red.

[Electron microscopy of cellulose] Elektronnaia mikroskopiia tsellulozy. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 262 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk Uzbekskoy SSR, Direktor Instituta khimii polimerov Akademii nauk Uzbekskoy SSR, rukovoditel' laboratorii fiziko-khimii tsellyulozy Instituta khimii polimerov Akademii nauk Uzbekskoy SSR (for Usmanov). 2. Institut khimii polimerov Akademii nauk Uzbekskoy SSR (for Nikonovich).
(Cellulose) (Electron microscopy)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

STARODUBTSEV, S.V., akademik, otv. red.; SOKOLOVA, A.A., red.; BAKLITSKAYA, A.V., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Problems in modern physics and mathematics] Voprosy sovremennoi fiziki i matematiki. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 275 p. (MIRA 15:7)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Otdeleniye fiziko-matematicheskikh nauk. 2. Akademiya nauk Uzbekskoy SSR (for Starodubtsev).

(Physics) (Mathematics)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

RUBINOV, Emmanuil Babadzhanovich; USENKO, V.A., doktor tekhn. nauk, otv. red.; BAKLITSKAYA, A.V., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Automatic silk-reeling machine of the type developed by the Uzbekistan Scientific Research Institute of the Silk Industry, operated according to the principle of thread tension]Kokonomotal'nyi avtomat tipa UzNIIShP, deistvuiuschchii po printsipu rastiazheniia niti. Tashkent, Izd-AN UzSSR, 1962. 298 p. (MIRA 16:2)
(Reels (Textile machinery)) (Silk)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

ARIFOV, U.A.; KULAGIN, A.I.; PARILIS, E.S.; KHARMATS, D.Ye.; LEVKOVICH, B.A., prof., red.; BAKLITSKAYA, A.V., red.; KARABAYEVA, Kh.U., tekhn. red.

[Delinting cottonseed]Ogolenie semian khlopchatnika. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 330 p. (MIRA 16:3)

1. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Levkovich).

(Cottonseed) (Cotton machinery)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

AVAK'YANTS, G.M., doktor fiziko-matem. nauk, prof., otv. red.; KISELEVA, V.N., red.; BAKLITSKAYA, A.V., red.; MAKAROVA, A.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Electron-hole junctions in semiconductors] Elektronno-dyrochnye perekhody v poluprovodnikakh. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 320 p. (MIRA 16:3)

(Semiconductors) (Transistors)

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TALANIN, Yu.N., otv. red.; BAKLITSKAYA, A.V., red.; ULAN, V.F., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Radiation effects in solids] Radiatsionnye effekty v tverdykh telakh. Tashkent, Izd-vo Akad. nauk UzSSR, 1963. 164 p. (MIRA 16:7)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut yadernoy fiziki.

(Solids, Effect of radiation on)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

MARKMAN, A.L.; ZABRAMNYY, D.T., doktor tekhn. nauk, otv. red.; BAKLITSKAYA, A.V., red.; KARABAYEVA, Kh.U., tekhn. red.

[Chemistry of lipids] Khimiia lipidov. Tashkent, Izd-vo AN Uzb.SSR. No.1.[Fatty acids] Zhirnye kisloty. 1963. 174 p. (MIRA 16:8)

(Acids, Fatty)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

LAVROV, N.V., akademik, otv. red.; BAKLITSKAYA, A.V., red.; EYDEL'MAN, A.S., red.; SHAFEYEVA, K.A., red.; KAMABAYEVA, Kh.U., tekhn. red.

[Materials of the Republic Conference on the Development of the Gas Industry of Uzbekistan] Materialy Respublikanskoy konferentsii po gazifikatsii Uzbekistana, Tashkent, Izd-vo AN UzSSR, 1963. 291 p. (MIRA 16:8)

1. Respublikanskaya konferentsiya po gazifikatsii Uzbekistana, Tashkent, 1961. 2. Akademiya nauk UzSSR (for Lavrov).
(Uzbekistan--Gas, Natural)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

GLEKEL', F.L., otv. red.; BAKLITSKAYA, A.V., red.; KISELEVA, V.N., red.; KARABAYEVA, Kh.U., tekhn. red.

[Problems of the chemical technology and physicochemical analysis of inorganic systems] Nekotorye voprosy khimicheskoi tekhnologii i fiziko-khimicheskogo analiza neorganicheskikh sistem. Tashkent, Izd-vo AN Uzb.SSR, 1963. 265 p. (MIRA 16:12)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Otdeleniye khimicheskikh nauk.
(Chemistry, Technical) (Chemistry, Analytical)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

LAVROV, N.V., akademik, otv. red.; BAKLITSKAYA, A.V., red.;

[Use of gas in industry] Ispol'zovanie gaza v promyshlennosti. Tashkent, Izd-vo AN UzSSR, 1963. 204 p. (MIRA 17:4)

1. Konferentsiya po gazifikatsii Uzbekistana. Tashkent, 1961.
2. Institut ispol'zovaniya topliva AN UzSSR i Sredneaziatskogo sovnarkhoza (for Lavrov).

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

LAVROV, N.V., akademik, doktor tekhn. nauk. Primaali uchastiye: KARBIVNICHIY-KUZNETSOV, V.B.; SKORIK, I.D.; PAIDAIKIN, A.A.; SHIKIROV, K.Sh., retsenzent; BAKLITSKAYA, A.V., red.

[Fundamentals of the combustion of gaseous fuel] Osnovy goreniia gazoobraznogo topliva. Tashkent, Izd-vo AN UzSSR, 1962. 417 p. (MIRA 18:6)

1. Sekretar' Otdeleniya tekhnicheskikh nauk AN UzbekSSR (for Lavrov).

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

ROZHDESTVENSKIY, Ye.D. Prinimali uchastiye: GORBUNOV, B.P., kand. tekhn. nauk; SHUL'GINA, V.P., kand. tekhn. nauk; OBEL'CHENKO, A.N., kand. tekhn. nauk; KUDRINA, S.A., kand. khim. nauk; KURBANOV, B.P., otv. red.; BAKLITSKAYA, A.V. red.; BARTSEVA, V.B., tekhn. red.

[Physical properties of the loess soils of Uzbekistan] Fiziko-tekhnicheskie svoistva lessovykh gruntov Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 269 p. (MIRA 14:9)
(Uzbekistan—Loess)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

PODDUBNYY, I.; YANIKOV, I.; FABRIKOV, G., zhivotnovod; TARASYUK, A.; TSAPLIN, V.; BAKLITSKAYA, Ye., zven'yevaya; GRIDINA, A., doyarka; KRAVTSOVA, Z., telyatnitsa; KOMYAGINA, R., svinarka; SAVEL'YEV, I., chaban; SLADKOMEDOVA, N., ptichnitsa; RUD, M., mekhanizator; GOGIN, S., mekhanizator.

Our collective farm in seven years. Nauka i pered.op.v sel'khoz. 9 no.1:5-9 Ja '59. (MIRA 13:3)

1. Kolkhoz "Ukraina," Kirovskogo rayona Krymskoy oblasti. 2. Predsedatel' kolkhoza "Ukraina" Kirovskogo rayona Krymskoy oblasti (for Poddubnyy). 3. Glavnyy agronom kolkhoza "Ukraina" Kirovskogo rayona Krymskoy oblasti (for Yanikov). 4. Glavnyy mekhanik kolkhoza "Ukraina" Kirovskogo rayona Krymskoy oblasti (for Tarasyuk). 5. Sekretar' partorganizatsii kolkhoza "Ukraina" Kirovskogo rayona Krymskoy oblasti (for TSaplin).
(Kirovskoye District--Agriculture)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLITSKIY, V.K.

86-8-20/22

AUTHOR: Baklitskiy, V.K., Eng Lt.

TITLE: An Unacceptable Recommendation (Rekomendatsiya, s kotoroy nel'zya soglasit'sya)

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 8, p.89 (USSR)

ABSTRACT: In the periodical "The Herald of the Air Fleet", 1957, Nr 3, pp.59-65, Eng.Maj. I.A. Globus published the article "Ably Exploit the Radar Systems" (Umelo Ekspluatirovat' Radiotekhnicheskiye Sistemy), in which the author suggests a method for checking the efficiency of the receiver by tuning the local oscillator [in Russian text - "geterodin"] of the unit KLB to the frequency of the second channel. Maj. Globus maintains that if the selector switch is set in the position "Reception", and if during the process of tuning the channel a pulse appears on the screen, the receiver should be replaced. Eng.Lt. Baklitskiy cannot agree to the said recommendation for the following reason. In that case, a signal produced either by mirror effect or by combination frequency may appear on the screen. Such a phenomenon frequently occurs while measuring the frequency characteristic of a receiver.

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An Unacceptable Recommendation (Cont.)

The relatively high output of the local oscillator, its tight coupling to the receiver with a high amplification, does not exclude the appearance of an intelligible "parasitic pulse" on the screen. In addition, on constant tuning of the local oscillator, a flattened (erased) but sufficiently clear signal may be observed in the background of set noise (produced within the receiver) at various points of the receiver frequency band. This was explained by the additional condition favoring the appearance of combined frequency signals which are created by the radio frequency spectrum of a square pulse. Accuracy in the operation of the discussed radar system depends much more on the duration of a retransmitted pulse by the ground station. To obtain a wide band-pass, a multistage intermediate frequency (I.F.) amplifier with coupled detuned circuits is required in the receiver. It permits the achievement of high amplification and increases the band-pass to twice its width. Such an amplifier, however, is not free from some disadvantages, because the band-pass and the amplification largely depend upon the characteristic of the tube. A tube with higher mutual conductance possesses too large a spread of input and output capacitances

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An Unacceptable Recommendation (Cont.)

(in Russian - "imeet slishkom bol'shoy razbros vkhodnoy i vykhodnoy yemkostey") that may weaken (reduce) the signal level. This is the reason why, after the replacement of the tubes, the I.F. circuits should be retuned immediately. In the author's unit a special stand has been provided for that purpose and equipped with a meter-wave oscillator, oscilloscope and rectifier. The sequence of operations during the process of retuning is as follows: The left-hand side shield should be removed and the local oscillator tube pulled out. A wire 10 - 15 cm long should be soldered to the socket of the L5-9 tube (pin 7). After passing through a hole in the shield, the opposite end of the wire, is connected to the output of the vertical deflection amplifier. The output of the meter wave oscillator (GMV) is connected through a feeder to the antenna input of the receiver. The latter is supplied by the rectifier. In such a way the oscillations modulated by a square pulse of the amplitude 3 - 5 mv and the frequency equal to the midband intermediate frequency have been supplied from the oscillator (GMV) to the receiver. The signal appearing on the screen should be observed and its amplitude decreased until the

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An Unacceptable Recommendation (Cont.)

set noise became audible. Then, with the help of alignment screws of the 7, 2 and 1 circuits in the UPCh [in Russian expanded text-" usilitel' promezhutochnoy chastoty - intermediate frequency amplifier"], maximum value of the output signal should be obtained. By changing the frequency of the oscillator (GMV) within the limits of the upper and lower values of I.F., the circuits 4 - 6 and 3 - 5 of the amplifier (UPCh) should be tuned in the same way. The retuning process should be repeated several times with continually decreased input signal until it is still noticeable in the background of the noise. The band pass of the receiver should be measured (gaged) at the level 0.5. As was shown by several experiments, the sensivity of a receiver may exceed its optimal value after the tuning of the I.F. amplifier circuits. In those cases, there is a possibility of triggering the transmitter by the noise produced within the receiver. However, this may easily be avoided by taking the following steps. From the output of the meter-wave oscillator, the voltage corresponding to the upper I.F. value is used for that purpose, and the alignment screw of the 4th circuit must be turned in to the end,

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thus keeping constant the maximum output voltage of the receiver. Then, applying the voltage corresponding to the lower value of the I.F., the position of the core in the 3rd circuit should be adjusted by the maximum of the receiver output voltage. While carrying out these adjustments during the exploitation of the discussed radar system, the band pass of the receiver should be widened slightly and its sensivity blunted (dulled). The top part of the frequency response curve is used here, without the change of optimal values which were gained during the tuning of the UPCh circuits. The band pass width has frequently been determined by the difference in the grid screen divisions. To do this, the receiver should first be detuned in both directions to reduce the signal by half of its maximum value. In this case, however, the received figures may be exaggerated two, three and sometimes even four times because of the dependence of the construction (design) peculiarities of the receiver and its tuning. By measuring the receiver band pass on a stand, that error may also be avoided.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLITSKIY, Y.

AUTHOR: Baklitskiy, Y. 107-58-6-41/58

TITLE: Transistorized Impulse-Noise Limiter (Ogranichitel' impul'snykh pomekh na poluprovodnikovykh triodakh)

PERIODICAL: Radio, 1958, Nr 6, pp 46-47 (USSR)

ABSTRACT: In "Radio", 1956, Nr 11, A. Gorbachev described in his article "Receiver Attachment for Reducing Impulse Noise" the function of an impulse noise limiter built with a "6N1P" double triode for radio receivers as suggested by D.V. Agoyev. Frequency conversion of the signal (by amplitude) and a limiting threshold, tracking the loudness level, were used. Since the impulse noise limitation is made at low frequencies, such an attachment may be built with transistors. The device described by the author will fit into any commercial or amateur receiver and has small dimensions and low current consumption. Transistors "P1A", "P1B" and diodes "D2D" or "D2B", "DG-Ts8" are used. Figure 1 shows the circuit diagram of the impulse noise limiter. Figure 3 shows a modification of the impulse noise limiter. This device was developed by order of the periodical "Radio".
There are 2 diagrams, 1 graph and 1 Soviet reference.

Card 1/1 1. Radio-Noise reduction 2. Transistors-Applications

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ANTIKAYN, Petr Andreyevich; ARONOVICH, Mark Savvich; BAKLOSTOV, Arseniy Mikhaylovich. Prinimal uchastiye KRUGLYY, S.M.; NITSKEVICH, Ye.A., red.; LARIONOV, G.Ye., tekhn. red.

[Recuperative heat-exchange apparatus] Rekuperativnye teploobmennye apparaty. Moskva, Gosenergoizdat, 1962. 231 p. (MIRA 15:7)

(Heat exchangers)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUND, O.

Applying one of Chebyshev's formulas to the expansion of the pertubation function. Ist.-mat. issl. no.10:644-648 '57. (MIRA 11:1)
(Functions)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOV, G. V. I

33417. Podgotovka I Usovershenstvovaniye Inzhenerno-Tekhnicheskikh Kadrov Meditsinskoy Promyshlennosti. M. I. Prom-st' SSSR, 1949, No. 5, c. 17 19.

SO. Letopis'Zhurnal'nykh Statey, Vo . 45, Moskva, 1949

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOV, Ye.D., dotsent, kand. tekhn. nauk

Component cutting forces exerted by high-speed drawing of bodies of revolution. Izv. vys. ucheb. zav.; mashinostr. no.10:158-164 '58. (MIRA 12:11)

1.Moskovskoye vysshoye tekhnicheskoye uchilishche im. N.Ye. Baumana (MVTU).
(Drawing (Metalwork))

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOV, Yevgeniy Dmitriyevich; MANUYLOV, L.K., kand.tekhn.nauk, retsenzent; ~~REVAKIN, F.N.~~, inzh., red.; BALANDIN, A.F., red.izd-va; EL'KIND, V.D., tekhn.red.

[Broaches; design, technology of their manufacture, and operation] Protiazhki; konstruktsiia, tekhnologiia izgotovleniia i ekspluatatsiia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 167 p. (MIRA 13:6)

(Broaching machines)

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PHASE I BOOK EXPLOITATION SOV/4074

Avrutin, S. V., Engineer; Ye. D. Baklunov, Candidate of Technical Sciences; L. A. Gleyzer, Candidate of Technical Sciences; V. P. Yefimov, Candidate of Technical Sciences; S. P. Kartsev, Engineer; V. N. Kedrinskiy, Engineer, Laureate of the Lenin Prize; V. I. Korzinkin, Engineer; A. G. Kosilova, Candidate of Technical Sciences; A. N. Malov, Candidate of Technical Sciences; V. M. Matyushin, Doctor of Technical Sciences; O. V. Ostretsov, Candidate of Technical Sciences; K. P. Panchenko, Candidate of Technical Sciences; O. D. Parfenov, Candidate of Technical Sciences; L. A. Rozhdestvenskiy, Candidate of Technical Sciences; V. P. Romanov, Candidate of Technical Sciences; M. M. Saverin, Doctor of Technical Sciences; G. N. Sakharov, Candidate of Technical Sciences; I. A. Sokolovskiy, Engineer; Yu. L. Frumin, Engineer; and V. A. Shishkov, Doctor of Technical Sciences.

Spravochnik metallista, tom 5 (Metalworker's Handbook, v. 5) Moscow, Mashgiz, 1960. 1,184 p. 150,000 copies printed.

Editorial Council: N. S. Acherkan (Chairman and Chief Ed.), Doctor of Technical Sciences, Professor; V. S. Vladislavlev (Deceased), A. N. Malov, S. N. Pozdnyakov, A. Ya. Rostovtsykh, G. B. Stolbin, and S. A. Chernavskiy; Ed.: A. N. Malov; Ed. of Publishing House: M. I. Gil'denberg; Tech. Ed.: T. F. Sokolova; Managing Ed. for Handbook Literature (Mashgiz): I. N. Konastyrskiy, Engineer.

PURPOSE: This handbook is intended for process engineers, designers, foremen, and other workers in the metalworking industry.

COVERAGE: The handbook deals with such metalworking processes as turning, machining of holes, cutting with reciprocating tools, milling, threading, gear cutting, burnishing, grinding, and finishing. Data are presented primarily in tabular form and are illustrated by drawings and diagrams. No personalities are mentioned. There are no references.

II. Machining of Holes (K. P. Panchenko, L. A. Rozhdestvenskiy, and Ye. D. Baklunov) 221

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

AVRUTIN, S.V., insh.; BAKLUNOV, Ye.D., kand.tekhn.nauk; GLEYZER, L.A., kand.tekhn.nauk; YEFIMOV, V.P., kand.tekhn.nauk; KARTSEV, S.P., insh.; KEDRINSKIY, V.N., insh., laureat Leninskoy premii; KORZINKIN, V.I., insh.; KOSILOVA, A.G., kand.tekhn.nauk; MALOV, A.N., kand.tekhn.nauk; MATYUSHIN, V.M., doktor tekhn.nauk; OSTRETSOV, G.V., kand.tekhn.nauk; PANCHENKO, K.P., kand.tekhn. nauk; PARFENOV, O.D., kand.tekhn.nauk; ROZHDESTVENSKIY, L.A., kand. tekhn.nauk; ROMANOV, V.F., kand.tekhn.nauk; SAVERIN, M.M., doktor tekhn. nauk; SAKHAROV, G.N., kand.tekhn.nauk; SOKOLOVSKIY, I.A., insh.; FRUMIN, Yu.L., insh.; SHISHKOV, V.A., doktor tekhn.nauk; ACHERKAN, N.S., prof., doktor tekhn.nauk, glavnyy red.; VLADISLAVLEV, V.S., red. [deceased]; POZDNYAKOV, S.N., red.; ROSTOVYKH, A.Ye., red.; STOLBIN, G.B., red.; CHERNAVSKIY, S.A., red.; KARGANOV, V.G., insh., red. graficheskikh rabot; GIL'DENBERG, M.I., red.izd-va; SOKOLOVA, T.F., tekhn.red.

[Metalworking handbook; in five volumes] Spravochnik metallista v piati tomakh. Chleny red.soveta: V.S.Vladislavlev i dr. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.5. 1960. 1184 p. (MIRA 13:5)

(Metalwork)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

PHASE I BOOK EXPLOITATION SOV/4995

Baklunov, Yevgeniy Dmitriyevich

Protyazhki; konstruktsiya, tekhnologiya izgotovleniya i ekspluatatsiya (Broaches; Design, Manufacture, and Operation) Moscow, Mashgiz, 1960. 167 p. 5,000 copies printed.

Reviewer: L. K. Manuylov, Candidate of Technical Sciences; Ed.: F. N. Zevakin, Engineer; Ed. of Publishing House: A. F. Balandin; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. V. Rzhavinskiy, Engineer.

PURPOSE: This book is intended for toolmakers and production personnel dealing with the use of broaches.

COVERAGE: The book reviews the basic aspects of broaching, and contains information on the design of broaches, the construction of their basic types, and the processes involved in their manufacture. Special features in the use of broaches are also considered. The author distinguishes two methods of broaching (free broaching and reference-frame broaching) and three basic

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patterns of cutting (direct profile cutting, generating or progressive cutting, and alternate or staggered-tooth cutting). No personalities are mentioned. There are 7 references, all Soviet.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOV, Ye.D., kand.tekhn.nauk, dotsent

Effect of the feed and pitch number on the wear and strength of module hobbing cutters. Vest.mashinostr. 43 no.3:72-74 Mr '63. (MIRA 16:3)

(Metal-cutting tools--Testing)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOV, Yu.A., gornyy inzh., referent

From experience in the use of hoisting cables (from "Gluckauf" no. 17/18, 1957). Gor. zhur. no.10:60-62 O '58. (MIRA 11:10)
(Germany, West--Mine hoisting) (Wire rope)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOVA, I. M.

"Pathogenesis of Free Cysts of the Anterior Ocular Chamber and Their Surgery," Vest. oft., 31, No.4, 1952

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOVA, K.P.; KHASHIMOVA, A.

Action of gamma rays on local strains of actinomycetes, producers of antibiotics. Uzb. biol. zhur. 8 no.5:23-27 '64 (MIRA 18:2)

1. Institut botaniki AN UzSSR.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUNOVA, K.F.

Effect of physical and chemical factors on local strains of actinomycetes, the antagonists of cotton wilt. Uzb. biol. zhur. 9 no.5:14-17 '65. (MIRA 18:10)

1. Institut botaniki AN UzSSR.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, I.E., inzh.; VEKSIN, I.N., inzh.; GREBENIK, V.M., kand.tekhn.nauk, dotsent; LYULENKOV, V.I., inzh.; SABANTSEV, V.P., inzh.; SOKOLOV, L.D., doktor tekhn.nauk, prof.; SHIROKOV, V.N., prof.

Equipment for use with resistance wire transducers. Izv.vys. ucheb.zav.; chern.met. no.6:149-156 Je '58. (MIRA 12:8)

1. Sibirskiy metallurgicheskiy institut. Rekomendovano kafedroy mekhanicheskogo oborudovaniya metallurgicheskikh zavodov Sibirskogo metallurgicheskogo instituta.
(Metallurgical plants--Equipment and supplies)
(Machinery--Testing) (Transducers)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SOKOLOV, L.D., prof., doktor tekhn.nauk; SHIROKOV, V.N., prof.; GREBENIK, V.M., dots., kand.tekhn.nauk; BAKLUSHIN, I.L., insh.; VEKSIN, I.N., insh.; LEBEDEV, Yu.N., insh.; SABANTSEV, V.P., insh.

Investigation of rolling mill stands. Izv.v.ys.ucheb.zav.; chern. met. no.8:135-140 Ag '58. (MIRA 11:11)

1. Sibirskiy metallurgicheskiy institut.
(Rolling mills) (Strains and stresses)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, I.L., insh.; VEKSIN, I.N., insh.; GREBENIK, V.M., dotsent, kand. tekhn. nauk; LYULENKOV, V.I., insh.; SABANTSEVM, V.P.; SOKOLOV, L.D., prof., doktor tekhn. nauk; SHIROKOV, V.N., prof.

Hydraulic calibration of 1500-ton power presses. Izv. vys. ucheb. zav.; chern. met. 2 no.4:113-121 Ap '59. (MIRA 12:8)

1.Sibirskiy metallurgicheskiy institut. Rekomendovano kafedroy mekhanicheskogo oborudovaniya metallurgicheskikh zavodov Sibirskogo metallurgicheskogo instituta.
(Hydraulic presses) (Calibration)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, I.L., insh.; VEKSIN, I.N., insh.; GREBENIK, V.M., dots., kand.tekhn.nauk; LYULENKOV, V.I., insh.; SABANTSEV, V.P., insh.; SOKOLOV, L.D., prof., doktor tekhn.nauk; SHIROKOV, V.N., prof.

Investigating the 740 cold rolling mill for thin sheets. Izv. vys.ucheb.zav.; chern.met. 2 no.8:143-148 Ag '59. (MIRA 13:4)

1. Sibirskiy metallurgicheskiy institut. Rekomendovano kafedroy mekhanicheskogo oborudovaniya metallurchiskikh zavodov Sibirskogo metallurgicheskogo instituta.
(Rolling mills)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

ALEYNIKOV, A. I.; BAKLUSHIN, I. L.; VEKSIN, I. N.; GREBENIK, V. M.; LYULENKOV, V. I.; SABANTSEV, V. P.; SERGGIN, S. A.; SOKOLOV, L. D.; SHIROKOV, V. N.

Investigating the mechanism of the rotation process of ferroalloy furnace baths. Izv. vys. ucheb. zav.; chern. met. no.8:181-187 '60. (MIRA 13:9)

1. Sibirskiy metallurgicheskiy institut.
(Rotary hearth furnaces) (Iron alloys)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

S/148/61/000/006/013/013
E193/E480

AUTHORS: Sokolov, L.D., Shirokov, V.N., Grebenik, V.M., Veksin, I.N., Baklushin, I.L., Lyulenkov, V.I., Sabantsev, V.P.

TITLE: Experimental and analytical determination of forces in cold rolling

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Chernaya metallurgiya, 1961, No.6, pp.191-193

TEXT: In the course of an earlier investigation carried out by the present authors (Ref.1: Izvestiya vysshikh uchebnykh zavedeniy, Chernaya metallurgiya, 1959, 8), large discrepancies were found between the laboratory results and the operational data on forces acting on the rolls during cold rolling. It was revealed, however, in the course of further tests that in many cases the roll chucks had become worn (in some places to a depth of 0.4 mm) and it was postulated that this factor may have affected the load cell readings. In an attempt to find a way of eliminating this source of error, both during the calibration of the load cells and later in use, the effect of lead washers approximately 2 mm thick, placed under the dynamometers, was investigated. Fig.1 shows the

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experimental conditions: a - an annular washer supporting the load cell along its periphery; б - a solid washer under the central part of the load cell; в - no washer; г - a solid washer of the size equal to that of the load cell. On the right-hand side of Fig.1, the calibrating force is plotted against the load cell readings; most consistent results were obtained when a large solid washer was used (graph г). The latter method was employed in roll force measurements and the results compared with roll force values, calculated according to A.I.Tselikov and A.A.Korolov (Ref.2: Prokatnyye stany, Metallurgizdat, 1958). The results are tabulated. It will be seen that the difference reached occasionally 30 or even 37%, the experimental values being always lower than the calculated figures. One possible explanation of this effect is provided by the fact that the temperature of cold rolled metal increases. Although the strength of the carbon steels and constructional alloy steels increases on heating between 20 and 400°C, this increase takes place during cold rolling at certain rolling speeds only. According to M.I.Manjoine (Ref.5: Journal of the Iron and Steel, v.150, p.3, VI, 1947, 380),

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Experimental and analytical ... S/148/61/000/006/013/013
E193/E480

the "ageing peak" is shifted towards higher temperatures when the steel is rolled at high rolling speeds, so that under these conditions the strength of steel between 0 and 400°C decreases with increasing temperature. Consequently, if the temperature attained by the metal during cold rolling at high speeds is 300°C, its resistance to deformation (particularly at heavy drafts) decreases, which explains the discrepancy observed. There are 2 figures, 1 table and 5 references: 4 Soviet and 1 non-Soviet. The reference to an English language publication reads as follows: M.I.Manjoine, Journal of the Iron and Steel, v.150, p.3, VI, 1947, 380.

ASSOCIATION: Sibirskiy metallurgicheskiy institut (Siberian Metallurgical Institute)

SUBMITTED: March 30, 1960

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SOKOLOV, L.D.; SHIROKOV, V.N.; GREBENIK, V.M.; VEKSIN, I.N.; BAKLUSHIN, I.L.; LYULENKOV, V.I.; SABANTSEV, V.P.

Experimental and rated determination of forces in cold rolling. Izv.vys.ucheb.zav.; chern.met. 4 no.6:191-193 '61. (MIRA 14:6)

1. Sibirskiy metallurgicheskiy institut.
(Rolling (Metalwork))

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SOKOLOV, L.D.; SHIROKOV, V.N.; GREBENIK, V.M.; VEKSIN, I.N.; BAKLUSHIN, I.L.; LYULENKOV, V.I.; SABANTSEV, V.P.; KAZANTSEV, A.A.

Investigating stresses in models of steel pouring ladles. Izv. vys. ucheb. zav.; chern. met. 4 no.10:147-156 '61. (MIRA 14:11)

1. Sibirskiy metallurgicheskiy institut.
(Smelting furnaces--Equipment and supplies)
(Thermal stresses--Models)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

ALEYNIKOV, A.I.; BAKLUSHIN, I.L.; VEKSIN, I.N.; VOSKRESENSKIY, V.A.; GONCHAROV, O.M.; LYULENKOV, V.I.; SHIROKOV, V.N.

Investigating the throw mechanism of a charging machine on ferroalloy furnaces. Izv. vys. ucheb. zav.; chern. met. 6 no.6:204-208 '63. (MIRA 16:8)

1. Sibirskiy metallurgicheskiy institut.
(Metallurgical furnaces—Equipment and supplies)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, I.L.; VEKSIN, I.N.; LYULENKOV, V.I.; SABANTSEV, V.P.; SOBOLEV, A.P.; SOKOLOV, L.D.; SHIROKOV, V.N.

Analyzing the reserve strength of the 1100 blooming mill stand in the Kuznetsk Metallurgical Combine. Izv. vys. ucheb. zav.; chern. met. 7 no.2:205-212 '64. (MIRA 17:3)

1. Sibirskiy metallurgicheskiy institut.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SOKOLOV, Lev Dmitriyevich; GREBENIK, Viktor Mikhaylovich; TYLKIN, Mikhail Arkad'yevich; Prinimal uchastiye BAKLUSHIN, I.L.; SMIRNOVA, V.V., kand. tekhn. nauk, dots., retsenzent; ROKOTYAN, Ye.S., doktor tekhn. nauk, prof., retsenzent; MOROZOV, B.A., doktor tekhn. nauk, retsenzent

[Study of the equipment of rolling mills] Issledovanie prokatnogo oborudovaniia. Moskva, Metallurgiia, 1964. 487 p. (MIRA 17:11)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche im. N.E. Baumana (for Smirnova).

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

S/133/62/000/004/006/008
A054/A127

AUTHORS: Baklushin, L.N.; Gaydukovskiy, N.V.; Dukhin, I.S.; - Engineers

TITLE: Electric-pulse machining of transverse flutes on grooves of rolls for rolling alternating reinforcement sections

PERIODICAL: Stal', no. 4, 1962, 330 - 333

TEXT: The Eksperimental'nyy nauchno-issledovatel'skiy institut metallorezhushchykh stankov (Experimental Scientific Research Institute of Metal-Cutting Machine Tools, ENIMS) and the Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine) have developed a pilot installation for fluting rolls of elevated hardness by means of unipolar electric pulses of medium and long duration (10^{-4} - 10^{-2} sec). The pilot equipment was designed in cooperation with A.S. Opolinskiy (ENIMS), N.V. Gaydukovskiy, A.P. Shemyavich, I.L. Prisazhnyuk, G.M. Gubanishev and V.A. Bezobrazov (MMK). By this method the metal is removed directly from the rolls by the force of loaded particles. Consequently, the operating elements of the machine need only be of simple design and their number can be increased considerably (up to more than 20 grooves). The tool need not be of exceptionally hard or strong material; it may also have various shapes,

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the main object being that the shape is suitable for fluting at a high rate a great number of grooves. An МГИ-2 (MGI-2) type machine generator was used for the generation of the electric pulses (pulse frequency: 400/sec; average power 4.3 - 6.4 kw; current 80 - 100 amp; metal cutting rate (for steel) 1,200 - 1,500 mm^3/min; drive motor speed 3,000 rpm; its power: 6 kw). The pilot equipment was reconstructed from an old horizontal milling machine. The electrode is a copper tube, coiled with trapezoidal copper wire; the pitch and number of threads correspond to the projections on the rolled rod. There are 3 patterns for the interaction between the electrode and the roll (Fig. 1). Version II was used on the pilot installation, ensuring a large contact surface between the roll to be fluted and the electrode. In this version the electrode moves together with the feed table and the roll rotates in the same direction. Version III of the roll-electrode interaction, however, promises an even larger contact surface, in spite of the process being intermittent, due to the reciprocating motion of the electrode in this case. The feed is controlled automatically. The machine must be adjusted in such a way that there is no play of the roll in the direction of the feed mechanism, that the electrode is fixed accurately in respect of the groove axis and that the peripheral speed of the roll is synchronized with the linear speed of the electrode. The number of flutes to be eroded (the number of

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threads on the electrode) can be calculated with $z = \frac{\pi D}{l}$ (D = roll diameter at the groove bottom, l = pitch of fluting). The total depth of the flute is obtained during one revolution of the roll. The method is applied in rolling No. 10 and 12 sections on the 250-I small section rolling mill (barrel-diameter 300 mm; barrel length 750 mm; roll-neck diameter 160 mm; roll-neck length 260 mm). After having tested rolls of various grades (alloyed cast iron, cast iron with an elevated nickel content, etc) and of varying hardness (400 - 420 H_B or 54 - 56 H_{Sh}, 55 - 65 H_{Sh}) it was found that for rolling No. 10 and 12 sections, rolls made of chilled carbon cast iron with a barrel minimum hardness of 70H_{Sh} is the most suitable for this purpose. It is important that the working surface of the electric-pulse machined rolls does not form any stable joint with the metal rolled and scale, which would spoil the groove. The inclination of the flute walls is increased when the electric pulse method is used which improves the bond between concrete and reinforcement. The new fluting method saves 3.5% of metal on an average during rolling and reduces the weight of 1 running meter of sections from 944 to 912 g (with new grooves) and from 991 to 959 g (with worn grooves). The service life of electro-pulse machined rolls is increased by a factor of 2. There are 3 figures and 2 tables.

ASSOCIATION: Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine)

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

BC

BAKLUSHIN, F.A.

B-1-F

Welding of [illegible] thermocouples under water. F. A. Bakluschin and A. [illegible] (Zavod. Lab., 1959, [illegible]) [illegible] and Fe-constantan couples are welded at a depth of ~1 cm. under H_2O; ~[illegible] v. and [illegible] amp. are used for wires [illegible]—1 mm. thick.

I. I. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

[illegible], P. A.: "The outlook for using gantry cranes in industrial residential construction." Min Higher Education USSR. Leningrad Order of Labor Red Banner Construction Engineering Inst. Leningrad, 1956. (Dissertations for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis' No. 22, 1956

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, P.A.; TROSHIN, L.P.

Basic problems in automatic control of boilers in sugar mills. Sakh.prom. 32 no.9:28-33 S '58. (MIRA 11:11)

1. Energeticheskiy institut imeni V.I. Lenina.
(Boilers) (Automatic control)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

PHASE I BOOK EXPLOITATION SOV/5536

Baklushin, Petr Aleksandrovich, Igor' Konstantinovich Kiselev, and Lidiya Ivanovna Kubasova

Avtomatizatsiya teploenergeticheskikh ustanovok (Automation of Heat Power Installations) Moscow, Gosenergoizdat, 1960. 351 p. Errata slip inserted. 15,000 copies printed.

Ed.: P.N. Mamylov; Tech. Ed.: G. Ye. Larionov.

PURPOSE: This book is intended for students of heat power problems in polytechnic and power engineering schools of higher education. It may also be useful to heat power engineers dealing with automation of heat processes at electric power stations.

COVERAGE: The book discusses the automation of heat power installations and the physical nature of automatic control. Fundamentals of automatic control and certain procedures of its engineering utilization are presented. Schematic circuits of the automation of basic assemblies and auxiliary equipment of heat power installations are discussed. Elements and structural features of the most widely used types of automatic regulators are described and analyzed.

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Automation of Heat Power Installations SOV/5536

Problems of disposing automation components on the instrument boards of steam electric power stations are also discussed. The Foreword, Chs. I, VIII, IX, XIII, XVI, XVIII, XX, and conclusion were written by P.A. Baklushin, who also carried out the general planning and editing of the book; Chs. V, VI, and VII by I.K. Kiselev; Chs. II, III, IV, X, XI, XII, XIV, XVII and XIX, by L.I. Kubasova. The authors thank S.G. Gerasimov, Professor, P.N. Manuylov, Engineer, and M.A. Tartushkina, Engineer, for their help. References to each part are listed separately in the Bibliography. There are 42 references, all Soviet.

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Foreword 3

Introduction. Concept of Automation of Heat Power Installations
1. Elementary concepts and historical references 9
2. Types of automation for heat power installations 11
3. Economic importance of heat power installations 17
4. Remarks on mathematical foundations of the theory of automatic control in heat power installations 17

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHIN, P.A., dotsent, kand.tekhn.nauk

Concerning the automatic control of thermal electric power plant units. Izv. vys. ucheb. zav.; energ. 3 no. 12:48-54 D '60. (MIRA 14:2)

1. Ivanovskiy energeticheskiy institut imeni V.I. Lenina. Predstavlena kafedroy avtomatizatsii teplovykh ustanovok.
(Electric power plants) (Automatic control)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLUSHINSKIY, V.A. (deceased)

Analytic indication of the increase and decrease of the dynamic series in a given discrete interval. Trudy NIIZHT no.25:187-190 '61. (MIRA 16:11)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKLYKOVA, N.M.

Stimulation of the chemoreceptors of the vascular bed of the small intestine as a cause of reflex changes in its motility in peritonitis. Biul. eksp. biol. i med. 58 no.8:29-33 Ag '64. (MIRA 18:3)

1. Patofiziologicheskaya laboratoriya (zav. - kand. med. nauk Yu.M. Gal'perin) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo (dir. P.M. Leonenko). Submitted May 17, 1963.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

EL'MENKIN, S.N.; BAKLYUKOV, V.I.

Rated output more than doubled. Stroi. mat. 10 no.3:24-26 Mr '64. (MIRA 17:6)

1. Direktor Kryazhskogo kirpichnogo zavoda (for El'menkin).
2. Nachal'nik tsekha keramzita Kryazhskogo kirpichnogo zavoda (for Baklykov).

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, A.M.

Automatic respiration control in anesthesia. Vest.khir. no.1: 112-117 '62. (MIRA 15:1)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (dir. - prof. V.S. Balakina, nauchnyy rukovoditel - prof. V.G. Vaynshteyn).
(RESPIRATORS) (ANESTHESIOLOGY—APPARATUS AND INSTRUMENTS)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, M.Ye. (Moskva); PODMAR'KOV, A.N. (Moskva); RUDASHEVSKIY, G.Ye. (Moskva)

Germanium strain guages. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 1:189-190 Ja-F '61. (MIRA 14:2)
(Strain gauges) (Germanium)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 59

3613. THE DETERMINATION OF THE VOLUME OF BLOOD ELEMENTS BY A HAEMATOCRIT (Russian text) - Bakman S. M. - LAB. DELO 1957, 2 (15-18)

The haematocrit number, i.e. the ratio of the volume of the blood elements in question to the volume of whole blood, is of prime importance when the problem of the transfusion of a large amount of fluid and of the choice of blood components to be transfused has to be solved. A simplified method of determination of the haematocrit number, suggested by Sokolov, was checked by the author in 807 cases. Sokolov's data of final sedimentation of red cells in Panchenkov's apparatus in 24 hr. were not confirmed. The possibility of applying the suggested method is doubtful.

(S)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, S.M.

Counting eosinophiles in peripheral blood. Lab.delo 4 no.5:13-15 S-O '58 (MIRA 11:11)

(EOSINOPHILES)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, S.M. (Ovardeysk)

Diagnostic value of the color reaction of bile in inflammatory diseases of the biliary tract and lambliasis. Klin.med. 37 no.1: 125-129 Ja '59. (MIRA 12:3)

(BILIARY TRACT, dis.
inflamm., diag. value of urine color reaction (Rus))
(GIARDIASIS, urine in
urine color reaction, diag. value (Rus))

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, S.M.

Criteria for assessing experimental adrenal gland insufficiency. Probl. endok. i gorm. 6 no.6:3-6 '60. (MIRA 14:2)
(ADRENAL GLANDS--DISEASES)
(ACTH) (EOSINOPHILES)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, S.M.

Fluctuations in the amount of eosinophils in the blood as an index of the "stressreaction" in man. Vrach.delo no.11:100-105 N '60. (MIRA 13:11)

1. Kafedra patologicheskoy fiziologii (zav. - prof. L.R.Perel'man) Leningradskogo Sanitarno-Gigiyenicheskogo Meditsinskogo Instituta i Garnizonnyy gospital' g. Tallin.
(STRESS (PHYSIOLOGY))
(EOSINOPHILES)

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[illegible]

Use of eosinopenic changes for the evaluation of functional conditions of the adrenal cortex. Trudy LSGMI 72:131-138 '63. (MIRA 17:4)

1. Kafedra patologicheskoy fiziologii (zav. - prof. I.R. Perel'man) Leningradskogo sanitarno-gigyenicheskogo meditsinskogo instituta.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMAN, V.N.

Manufacturing the ISh-27 semiautomatic centerless grinding machine. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.7:28 Jl '65. (MIRA 18:9)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMANOV, M.V.; ZDOKHNENKO, F.Ye.

Vibration plunger die for making corrugated reinforced concrete floors. Rats. i izobr. predl. v stroi. no.95:25-27 '54. (MLRA 8:7)

1. Ministerstvo tyazhelogo i transportnogo mashinostroyeniya.
(Floors, Concrete)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKMUKHAMEDOVA, M.M.

Uzbek women in industry. Tekst. prom. 17 no.7:15-16 Jl '57. (MIRA 10:9)

1. Nauchnyy sotrudnik Instituta ekonomiki Akademii nauk Uzbekskoy SSR.

(Uzbekistan--Textile industry)
(Women--Employment)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BAKO, Bela

The Liski diesel traction station and some experiences in operating the archetype of the M62 ser. diesel electric locomotive. Vasut 15 no.2:23-24 F '65.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

MAKO, F.

Judit Sz. Nervay's Women in the Great Family; a book review. p. 657 (Ethnographia Vol. 67, no. 4, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC. Vol. 6 no. 7, July 1957, Uncl.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; BAKO, [redacted]
KISS, Antonia, dr.; RESSMANN, Valeria; TOTH, Ferenc, dr.

Replacement of vascular defects with lyophylized vascular grafts.
Magy. sebeszet 7 no.6:418-426 Dec 54.

1. A Debreceni Orvostudomanyi Egyetem Sebeszeti Anatomiai es Mutettani Intezetenek koslemenye. Tanszekvezeto: dr. Bornemisza Gyorgy.

(BLOOD VESSELS, transpl.
homografts, lyophilized)
(TRANSPLANTATION
vasc. homografts, lyophylized)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SZABO, Laszlo, M.; BAKO, Geza.

Investigation on the fate of barium in the abdominal cavity following perforation of peptic ulcer during roentgenologic investigation and in experimental conditions. Kiserletes orvostud 7 no.4:337-343 July 55.

1. Debreceni Orvostudomanyi Egyetem II. sz. Sebeszeti Klinikaja es Sebeszeti Anatomiai es Mutettani Intezete.

(BARIUM SULFATE, effects,
on abdom. cavity, arter perf. of peptic ulcer during x-ray & in animals)
(ABDOMEN, effect of drugs on,
barium sulfate, after perf. of peptic ulcer during x-ray in animals)
(PEPTIC ULCER, diagnosis,
x-ray, perf. of ulcer & eff. of barium on abdom. cavity)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103120007-7

SZABO, Laszlo, M.dr.; SZILAGYI, Imre, dr.; BAKO, Geza, dr.

Auto- and homotransplantation of adsorption lyophilized skin.
Orv. hetil. 96 no.39:1069-1072 25 Sept 55

1. A Debreceni Orvostudomanyi Egyetem II. sz Sebeszeti Klinikajanak (igazgato: Ladanyi Jozsa dr. egyet tanar) a MTA Kiserleti Orvostudomanyi Kutato Intezet Antibiotikai Osztalyanak (osztayvezeto: Valyi-Nagy Tibor dr. egyet. tanar) es a Debreceni Orvostudomanyi Egyetem Sebeszeti Anatomiai es Mutettani Intezetenek (igazgato Bornemisza Gyorgy dr. egyetemi docens) kozlemenye.

(SKIN TRANSPLANTATION,
auto- & homotranspl. of lyophilized skin)

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