"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

DEMIDOVICH, I.F.; BELEN'KIY, Yu.Yu.

Design of a pneumatic suspension for heavy motortrucks. Avt.prom. no.9:14-16 S '60. (MIRA 13:9)

1. Minskiy avtomobil'nyy zavod.
(Motortrucks—Springs)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKII, Z. S.

Z. S. Belenkiĭ

The Avalanch Processes In The Cosmic Rays

State Printing House of Theoretical Literature, Moscow 1948, 203 pages

Source: Monthly List of Russian Accessions January 1953, Vol. 3, No. 10, p. 5

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

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BELENKO, B.P.

Improving the performance of the S-30 saturator. Ferm. i spirt. prom. 31 no.2:34-35 '65. (MIRA 18:6)

1. Sortaval'skiy pivovarennyy zavod.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, B.P.

Methodology for calculating beer losses. Spirt.prom. 29 no.4: 33-35 '63. (MIRA 16:5)

1. Sortaval'skiy pivovarennyy zavod.
(Brewing industry—Accounting)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

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DYMENKO, G.D.

Feeding queen bees
Pchelovodstvo 29, no. 1, 1952

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELYAKO, I.S.

Modernization of lathe equipment for high speed metal cutting.
Sud-sudostroenie, no. 3 , 1952

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

DELENKO, I.S.

Cutting tool in high-speed machining of bearing rings on multiple-tool semi-automatic and automatic lathes.
Polshipnik, no. 4, 1958

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BUTENKO, IS.

Efficient machining of bearing rings on multiple-tool automatic lathes and semi-automatic machines.
Podshipnik, no. 7, 195[illegible]

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

1. BELENKO, I. S., Eng.

2. USSR (600)

4. Lathes

7. Study of the productivity of the turret lathe in the process of operation. Podshipnik No. 8, 1952.

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

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

1. BELENKO, I. S.: BERSHTEYN, I. L.

2. USSR (600)

4. Turning

7. New method for turning external rings of tapered roller bearings. Podshipnik no. 10, 1952.

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

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, I. S., Eng.

Metal Cutting

Using cutters with ceramic blades in finishing lathe operations,
Podshipnik No. 3, 1953

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

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, I.S., inzhener.

Machining of bearing parts according to size on semi-automatic lathes. Podshipnik no.7:17-22 Jl '53. (MLRA 6:8)
(Bearings (Machinery))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, I. S.

Dissertation: "An Investigation of the Performance of Semiautomatic Lathes Under Operating Conditions." Cand Tech Sci, Moscow Order of the Labor Red Banner Higher Technical School imeni N. E. Bauman, 28 Jun 54. (Vechernyaya Moskva, Moscow, 18 Jun 54)

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BAYKOV, S.P., kand. tekhn. nauk; BELENKO, I.S., kand. tekhn. nauk; BELKOV, S.F., inzh.; BELYANCHIKOV, M.P., inzh.; BERNSHTEYN, I.L., inzh.; BOGORODITSKIY, D.D., inzh.; BOLONOVA, Ye.V., kand. tekhn. nauk; BROZGOL', I.M., kand. tekhn.nauk; VLADIMIROV, V.B., inzh.; VOLKOV, P.D., kand. tekhn. nauk; GERASIMOVA, N.N., inzh.; ZHUKHOVITSKIY, A.F., inzh.; KABANOV, M.F., inzh.; KAKEVTSOV, V.M., kand. tekhn. nauk; KOLOTENKOV, I.V., inzh.; KONDRAT'YEV, I.M., inzh.; KUZNETSOV, I.P., kand. tekhn. nauk; L'VOV, D.S., kand. tekhn. nauk; LYSENKO, I.Ya., kand. tekhn. nauk; MAKAROV, L.M., inzh.; OLEYNIK, N.D., inzh.; RABINER, Ye.G., inzh.; ROZHDESTVENSKIY, Yu.L., kand. tekhn. nauk; SAKHON'KO, I.M., kand. tekhn. nauk; SIDOROV, P.N., inzh.; SPITSYN, N.A., prof., doktor tekhn. nauk; SPRISHEVSKIY, A.I., kand. tekhn. nauk; CHIRIKOV, V.T., kand. tekhn.nauk; SHEYN, A.S., kand. tekhn. nauk; NIBERG, N.Ya., nauchnyy red.; BLAGOSKLONOVA, N.Yu., inzh., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Antifriction bearings; manual] Podshipniki kacheniia; spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 828 p. (MIRA 15:2)
(Bearings (Machinery))

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BARANOV, A.F., redaktor; BIZYUKIN, D.D., redaktor; VAKHNIN, M.I., otvetstvennyy redaktor toma, professor, doktor tekhnicheskikh nauk; VEDENISOV, B.N., redaktor; IVLIYEV, I.V., redaktor; MOSHCHUK, I.D., redaktor; RUDOY, Ye.F., glavnyy redaktor; SOKOLINSKIY, Ya.I., redaktor; SOLOGUBOV, V.N., redaktor; SHILEVSKIY, V.A., redaktor; ALFEROV, A.A., inzhener; ANASHKIN, B.T., inzhener; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, inzhener; BELENKO, K.M., dotsent; BORISOV, D.P., dotsent, kandidat tekhnicheskikh nauk; ZAIL'TSOV, P.N., inzhener; ZBAR, N.R., inzhener; IL'YENKOV, V.I., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, A.A., kandidat tekhnicheskikh nauk; KRAYZMER, L.P., kandidat tekhnicheskikh nauk; KOTLYARENKO, N.F., dotsent, kandidat tekhnicheskikh nauk; MAYSHEV, P.V., professor, kandidat tekhnicheskikh nauk; MARKOV, M.V., inzhener; NEILEPETS, V.S., dotsent, kandidat tekhnicheskikh nauk; NOVIKOV, V.A., dotsent; ORLOV, N.A., inzhener; PETROV, I.I., kandidat tekhnicheskikh nauk; PIVKO, G.M., inzhener; POGODIN, A.M., inzhener; RAMZAU, P.N., dotsent, kandidat tekhnicheskikh nauk; ROGINSKIY, V.N., kandidat tekhnicheskikh nauk; RYAZANTSEV, B.S., laureat Stalinskoy premii, dotsent, kandidat tekhnicheskikh nauk; SNARSKIY, A.A., inzhener; FEL'DMAN, A.B., inzhener; SHASTIN, V.A., laureat Stalinskoy premii, inzhener; SHUR, B.I., inzhener; GONCHUKOV, V.I., inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; AFANAS'YEV, Ye.V., laureat Stalinskoy premii, retsenzent;

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Continued on next card)

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BRYLEYEV, A.M., laureat Stalinskoy premii, inzhener; GAMBURG, Ye.Yu., inzhener, retsenzent; GOLOVKIN, M.K., inzhener, retsenzent; KAZAKOV, A.A., kandidat tekhnicheskikh nauk, retsenzent; KUT'IN, I.M., dotsent, kandidat tekhnicheskikh nauk, retsenzent; LEONOV, A.A., inzhener, retsenzent; SEMENOV, N.M., laureat Stalinskoy premii, inzhener, retsenzent; CHERNYSHEV, V.B., inzhener, retsenzent; VALUYEV, G.A., inzhener, retsenzent; METTAS, N.A., laureat Stalinskoy premii, inzhener, retsenzent; NOVIKOV, V.A., dotsent, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; PIVOVAROV, A.L., inzhener, retsenzent; POGODIN, A.M., inzhener, retsenzent; KHODOROV, L.R., inzhener, retsenzent; SHUPLOV, V.I., kandidat tekhnicheskikh nauk, retsenzent; KLYKOV, A.F., inzhener, retsenzent; YUDZON, D.M., tekhnicheskiy redaktor; VERINA, G.P., tekhnicheskiy redaktor.

[Technical handbook for railroad men] Tekhnicheskii spravochnik zheleznodorozhnika. Vol. 8. [Signaling, central control, block system, and communication] Signalizatsiia, tsentralizatsiia, blokirovka, sviaz'. Red. kollegiia A.F.Baranov [i dr.] Glav.red. E.F.Rudoi. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 975 p. (Card 2) (MLRA 8:2)
(Railroads--Signaling) (Railroads--Communication systems)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

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BELENKO, Konstantin Mikhaylovich, dots.; BUZINIYER, Mikhail Iosifovich, inzh.; CHERNYSHEV, V.I., red.; BOBROVA, Ye.N., tekhn. red.

[Production and financial planning for a railroad division's signaling and communication systems and the analysis of its execution] Proizvodstvenno-finansovyi plan distantsii signalizatsii i sviazi i analiz ego vypolneniia. Moskva, Gos. transp. zheldor. izd-vo, 1958. 59 p. (MIRA 11:9)
(Railroads—Communication systems)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, Konstantin Mikhaylovich; PIVKO, G.M., insh., red.; KHITROV, P.A., tekhn. red.

[Overhead and cable communication lines] Vozdushnye i kabel'nye linii sviazi. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 190 p.
(Telephone lines) (Telephone cables) (MIRA 11:7)

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BYATETS, Ye.V.; BELENKO, L.D.; GERASIMOV, A.I.; GOROVENKO, L.I.; DERING, A.I.; DRAKE, L.V.

Treatment of pulmonary tuberculosis with phthivazide inhalations. Vrach.delo no.11:141-142 N '62. (MIRA 16:2)

1. Oblastnoy protivotuberkuleznyy dispanser g. Nikolayeva, pervaya bol'nitsa g. Nikolayeva, tuberkuleznoye otdeleniye i detskiy tuberkuleznyy sanatoriya No.1 g. Nikolayeva.
(TUBERCULOSIS) (PHTHIVAZIDE)

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BELENKO, L. I.

Cand Biol Sci - (diss) "Growth changes in the innervation of large arteries of the human being." Kiev, 1961. 13 pp; (Academy of Sciences Ukrainian SSR, Inst of Zoology); 200 copies; price not given; (KL, 10-61 sup, 210)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, L.I. (Dnepropetrovsk, 30, ul. Chkalova, 4, kv.8)

Development of the nervous apparatus of the large human arteries in embryogenesis. Arkh. anat., gist. i embr. 43 no.12: 42-49 D'62 (MIRA 17:5)

1. Kafedra gistologii i embriologii (zav. - prof. O.P.Lisogor) Dnepropetrovskogo meditsinskogo instituta i kafedra gistologii i embriologii (zav. - chlen-korrespondent AMN SSSR prof. N.I. Zazybin) Kiyevskogo meditsinskogo instituta.

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AUTHORS: Yatsunov, I. A., Belenko, M. D. SOV/72-58-8-12/17

TITLE: Certain Characteristic Features of Melting Aluminum-Magnesium Glass Using Aluminum Hydroxide (Nekotoryye osobennosti varki alyumomagnezial'nogo stekla s primeneniyem gidrata okisi alyuminiya)

PERIODICAL: Steklo i keramika, 1958, Nr 8, pp. 37-39 (USSR)

ABSTRACT: The Kiyev Factory for Glass Containers used a soda-sulfate charge with introduction of Na_2O through soda and sulfate at a ratio of 65:35. The chemical composition of the other materials is mentioned in table 1. Because of the high iron content in the raw materials the glass ware was produced of semiwhite glass. The main mass of the iron oxide is introduced into the glass by vulcanic ashes. It was decided to replace the same by aluminum hydroxide from the Ural Aluminum Plant, and to decrease the amount of Na_2O introduced through sulfate to 15%. In this factory the glass is molten in a tank furnace; the melting surface is 100 m^2 and its working surface is 26 m^2. The natural gas of the Dashavo deposit (98% CH_4 and 2% C_nH_m) is used. The maximum melting temperature amounted to 1460 $\pm$ 10° in the case of a charge of 75% and a waste of 25%. In order to avoid an

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abrupt change of the glass properties it was decided to replace the volcanic ashes by aluminum hydroxide gradually in the course of 3 weeks. After raising the melting temperature to 1480 $\pm$ 10° and decreasing the addition of Na_2O through sodium sulfate the furnace worked well for the time being. After an operation of one and a half months the waste by stone inclusions in the finished product suddenly increased considerably. Together with the Scientific Research Laboratory of the Administration of Faience, Porcelain and Glass Industry (Nauchno-issledovatel'skaya laboratoriya Upravleniya farforo-fayansovoy i stekol'noy promyshlennosti) chemical and petrographic investigations were carried out. The chemical composition of the defective material investigated is mentioned in table 2. The chemical analyses were carried out by the chemist of the Kiyev Factory for Glass Containers A.F. Khomenko (Ref 1). The investigations of the sections showed a peculiar character of the mineral formation. Under the assumption that the inclusions were caused by an incomplete melting of aluminum hydroxide the added amount of aluminum hydroxide was reduced from 3,2 to 2,3%. Besides, the

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Certain Characteristic Features of Melting Aluminum-Magnesium Glass Using Aluminum Hydroxide SCV/72-58-8-12/17

aluminum hydroxide was dried in a steam drying plant at 100° and was sieved through a sieve with 81 holes/cm^2. After three days the waste decreased from 20 to 6,8%, and further to 1,1%. The authors recommend the following composition of the glass: 72,6-72,8% SiO_2; 2,2-2,3% Al_2O_3; 8,7-8,9% CaO+MgO; 15,8-16% R_2O. The editor recommends a sieve with 144-196 holes/cm^2, a previous mixing with soda as well as the introduction of 0,4-0,5% F, which would imply a reduction of the Al_2O_3 and would exert a favorable effect on the glass properties. There are 2 tables.

ASSOCIATION: Kiyevskiy steklotarnyy zavod (Kiyev Factory for Glass Containers)

1. Aluminum magnesium glass--Melting 2. Aluminum hydroxide--Performance 3. Glass--Production

Card 3/3

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BRICHKIN, A.V., prof.; BELENKO, N.P., inzh.

Stresses in thermal rock drilling. Izv. vys. ucheb. zav; gor. zhur. no.2:79-86 '61. (MIRA 14:3)

1. Kazakhskiy gornometallurgicheskiy institut. Rekomendovana kafedroy razrabotki rudnykh mestorozhdeniy Kazanskogo gornometallurgicheskogo instituta.
(Boring)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BRICHKIN, A.V., prof.; BELENKO, N.P., inzh.

Nature of heat exchange in thermal drilling. Izv. vys. ucheb. zav.; gor. zhur. no.5:84-93 '61. (MIRA 16:7)

1. Kazakhskiy politekhnicheskiy institut. Rekomendovana kafedroy razrabotki rudnykh mestorozhdeniy.
(Boring)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BRICHKIN, A.V.; BELENKO, N.P., inzh.; SHERSTYUK, B.F., inzh.

Parameters of the supersonic gas jet in thermal drilling. Izv. vys. ucheb. zav.; gor. zhur. 5 no.1:90-97 '62. (MIRA 15:4)

1. Kazakhskiy politekhnicheskiy institut. Rekomendovana kafedroy razrabotki rudnykh mestorozhdeniy Kazakhskoogo politekhnicheskogo instituta. 2. Chlen-korrespondent AN Kazakhskoy SSR (for Brichkin).

(Boring--Equipment and supplies) (Jets)

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BRICHKIN, A.V., prof., doktor tekhn.nauk; BELENKO, N.P., kand.tekhn.nauk; BOLOTOV, A.V., inzh.; GENBACH, A.N., inzh.; SHAMIN, P.A., kand. tekhn.nauk; SHERSTYUK, B.F., inzh.

Experimental studies of the parameters of the stream of a jet-piercing burner. Izv. vys. ucheb. zav.; gor. zhur. 6 no.3: 52-58 '63. (MIRA 16:10)

1. Kazakhskiy politekhnicheskiy institut. Rekomendovana kafedroy razrabotki rudnykh mestorozhdeniy. 2. Chlen-korrespondent AN KazSSR (for Brichkin).

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BELENKO, V.I.; BELENKO, R.M.; KRYLOV, A.G.; PANFEROV, I.M.; ROMANOVA, G.V.; SENTSOVA, Yu.le.; SHILKINA, Z.S.

Zvenigorod Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. (1960). Biul. sta. opt. nabl. isk. sput. Zem. no.33:29-33 '63. (MIRA 17:7)

1. Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR.

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L 27196-65 EEC-2/EWT(d)/FBD/FSF(h)/FSS-2/EWT(l)/FS(v)-3/EEC(k)-2/EMC(v)/EWA(d)/T/EEC(c)-2/EED-2/EED(b)-3 Pn-4/Po-4/Pe-5/Pq-4/Pac-4/Pg-4/Pae-2/Pi-4/Pk-4/Pl-4 IJP(c) GW/WR

ACCESSION NR: AT5003597 S/2816/63/000/033/0029/0033

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova, G. V.; Sentsova, Yu. Ye.; Shilkina, Z. S.

TITLE: [Results of Satellite Observations]

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 33, 1963, 29-33

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera, satellite 1960 ι_1, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the satellite 1960 ι_1 during August and October 1961. A NAFA-3s/25 camera was used. The observer was A. G. Krylov. Measurements were made on a KIM-3 microscope by R. M. Belenko, I. M. Panferov, and G. V. Romanova. Computations were made by the Kiselev method for two sets of three reference stars and by the Turner method. Yu. Ye. Sentsova did the calculations on the Ural computer. Observation times were reduced to standard time. The last column of the table shows possible maximal error in coordinates because of unreliability of locating optical center within 1 cm. V. I. Belenko and Z. S. Shilkina participated in the work. Results of 125 observations are given in a table, part

Card 1/3

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ACCESSION NR: AT5003597

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SUBMITTED: 17Feb63 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

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ACCESSION NR: AT5003597

ENCLOSURE: 01

Zvenigorodka Station of the Astronomical Council AN SSSR

Date	U. T.	ΔT	α (1950.0)	δ (1950.0)	
1	2	3	4	5	6
		1960 ι_1			
1961					
August 10	$20^h52^m26^s.564$	$0^s.007$	$15^h38^m34^s.5$	$09^\circ37'34''$	12"
.....					
October 12	01 25 32.953	0.006	08 06 16.6	16 09 54	

Card 3/3

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BELENKO, V.I.; BELENKO, R.M.; KRYLOV, A.G.; PANFEROV, I.M.; ROMANOVA, G.V.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.

Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. (1961 ε, 1961 α, 1961 π, 1960 ξ, 1960 ι). Biul. sta. opt. nabl. isk. sput. Zem. no.32:43-47 '63. (MIRA 17:7)

1. Stantsiya Astronomicheskogo soveta AN SSSR.

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L 27212-65 EEC-2/EWT(d)/FBD/FSF(h)/FSS-2/EWT(l)/FS(v)-3/EEC(k)-2/EWG(s)-2/EWG(v)/EWA(d)/EEC(t)/T/EEC(c)-2/EED-2/EED(b)-3 Pu-4/Po-4/Pe-5/Pq-4/Pac-4/Pg-4/Pac-2/Pi-4/Pk-4/Pl-4 IJP(c) TT/GW/WR

ACCESSION NR: AT5003549 S/2816/63/000/032/0043/0047

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova, G. V.; Sentsova, Yu. Ye.; ~~Shtiltsman, G. S.~~

TITLE: Observations on the satellites 1961 ϵ_1, 1961 α_1, 1961 π_1, 1961 ζ_1, and 1960 ι_1

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 32, 1963, 43-47

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera/1961 ϵ_1 satellite, 1961 α_1 satellite, 1961 π_1 satellite, 1961 ζ_1 satellite, 1960 ι_1 satellite, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the indicated satellites in August, September, and October 1961. A NAFA-3s/25 camera was used, and the observer was A. G. Krylov. Measurements on the KIM-3 microscope were made by R. M. Belenko, G. V. Romanova, and I. M. Panferov. Computations were made by the Kiselev method by means of two sets of three reference stars and by the Turner method. Computations on the Ural computer were made by Yu. Ye. Sentsova. Observation times were reduced to standard time. The last column of the table shows maximum possible error in coordinates

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L 27212-65

ACCESSION NR: AT5003549

because of unreliability of determining optical center within 1 cm. V. I. Belenko and Z. S. Shilkina participated in the work. Results of 118 observations are given in a table, part of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of the Astronomical Council, AN SSSR)

SUBMITTED: 28Dec62 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

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L 27212-65

ACCESSION NR: AT5003549

ENCLOSURE: 01

Station of the Astronomical Council, AN SSSR

No.	Date	U. T.	ΔT	α (1950.0)	δ (1950.0)	
1	2	3	4	5	6	7
	1961		1961 ε_1			
1.	August 3	$23^h11^m00^s.692$	$0^s.005$	$20^h13^m24^s.8$	20°08'58"	12"
.....						
			1960 L_1			
76.	August 10	19 01 58.329	0.005	22 18 09.3	07 38 16	16

Card 3/3

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L 27197-65 FSP(h)/FSS-2/EWT(l)/FS(v)-3/EEC(k)-2/EWG(v)/EWA(d)/T/EED(b)-3
Pn-4/Pe-5/Pae-2/Pi-4 IJP(c) GW

ACCESSION NR: AT5003773 S/2816/63/000/036/0031/0033

AUTHORS: Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Sentsova, Yu. Ye.; Shilkina, Z. S.; Yurevich, V. A.

60
41
B+1

TITLE: [Results of Satellite Observations]

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 36, 1963, 31-33

TOPIC TAGS: artificial satellite, satellite tracking camera, satellite track analysis/ satellite 1961 $\alpha\,\varepsilon_1$, satellite 1961 α_1, satellite 1962 ι_1, satellite 1960 ε_2, satellite 1960 ε_3, satellite 1960 ξ_2, NAFA 3s/25 camera, KIM 3 microscope, UIM 21 microscope, Ural 1 computer

ABSTRACT: Observations were made in April, May, and June 1962 on the satellites 1961 $\alpha\,\varepsilon_1$, 1961 α_1, 1962 ι_1, 1960 ε_2, 1960 ε_3, and 1962 ξ_2. The observers were A. G. Krylov (indicated by II in the table) and V. A. Yurevich (I in table). Both used NAFA-3s/25 cameras. Measurements were made by R. M. Belenko (with a KIM-3 microscope) and I. M. Panferov (with a UIM-21 microscope). Processing was done by the Turner method, by Yu. Ye. Sentsova using a Ural-1 electronic computer. For

Card 1/3

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ACCESSION NR: AT5003773

control of the computed coordinates, the coordinates of one reference star were determined, along with the coordinates of points on the satellite track. The next to the last column of the table shows deviation of the computed coordinates of the reference star from the coordinates given in the Boss catalogue, if these deviations exceed 6". Observation times were reduced to standard time by Z. S. Shilkina. Results of 85 observations are presented in a table, partially reproduced in the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Astronomicheskiy sovet AN SSSR (Stantsiya No. 1072)(The Astronomical Council of the AN SSSR (Station No. 1072))

SUBMITTED: 16Nov63 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 27197-65

ACCESSION NR: AT5003773

ENCLOSURE: 01

The Astronomical Council of the AN SSSR
(Station No. 072)

No.	Date	U.T.	ΔT	α 1950.0	δ 1950.0	(")	Camera
1	2	3		4	5	6	7
		1961 α ε$_1$					
	1962						
1.	April 26	$23^h44^m25^s.277$	$\pm0^s.03$	$18^h40^m58^s.8$	$14^\circ01'37''$		II
.....							
6.	June 16	20 44 33.193	±0.01	22 21 16.1	34 51 00		II

Card 3/3

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, S.N., inzhener.

Plaster-solution pump designed by the Southern Institute of Building Research. Mekh. trud. rab. 7 no.11:43-44 D '53. (MLRA 6:12)
(Pumping machinery) (Plastering)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

2033 Belenko, S.N.

Rastvoronasos Konstrukts II Yuzhnii. Kiyeu, IZD-Vo AKAD. Arkhitektury USSR, 1954. (1), 32s.s Ill. 22sm. (M-Vo Stroitel'stva Predpriyatiy Metallurgich. I Khim. Prom-stm SSSR. Tekhn. UPR. Yuzh. Nauch.- IssLed. In-T do Stroitel'stvu YuZhNIT. Nauch. sooBshcheniye). 3.500 IKZ. 95k.-- (54-56531)p 693.6.0025

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

Belenko, S.P.

GRIGOR'YEV, V.S.; BELENKO, S.P.; KIRICHENKO, V.M.

All-purpose jack. Rats. i izobr. predl. v stroi. no.110: 28-30 '55. (MLRA 8:10)

(Lifting jacks)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V I

PHASE I BOOK EXPLOITATION SOV/5573

Akademiya nauk SSSR. Astronomicheskiy sovet

Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli. no. 5 (15) (Academy of Sciences of the USSR. Astronomic Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites. No. 5 (15)) Moscow, 1960. 17 p. 500 copies printed.

Sponsoring Agency: Astronomicheskiy sovet Akademii nauk SSSR.

Resp. Ed.: Ye. Z. Gindin; Ed.: D. Ye. Shchegolev; Secretary: O. A. Severnaya.

PURPOSE: This bulletin is intended for scientists and engineers concerned with optical tracking of artificial satellites.

COVERAGE: The bulletin contains six articles, two of which deal with the construction and operating principles of two new semiautomatic telescopes for tracking satellites. Two other articles are concerned with the reduction of data from photographs and the determination of satellite orbital parameters.

Card 1/4

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The remaining articles discuss visual satellite observations and the results of photographic observations of the satellites 1958 δ_1 and 1958 δ_2. No personalities are mentioned. There are 2 references: 1 Soviet and 1 English.

TABLE OF CONTENTS:

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

Observers: O. I. Babich, P. N. Polupan, Ye. V. Sandakova, A. P. Stefanov, Zh. M. Shcherban'. Calculations: L. M. Sherbaum. Measurements made on KIM-3 instrument

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Academy of Sciences (Cont.) SOV/5573

19

Corrections to Bulletin 1960 No. 3

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AC/dwm/mas
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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V.I.; KAHSANOV, I.A.

Determining time and positions of artificial earth satellites by photographs taken with the KPP camera with moving film designed by Panaiotov [with summary in English]. Biul.sta.opt. nabl.isk.sput.Zem. no.5:10-11 '60. (MIRA 13:11)

1. Astrosovet, Moskva.
(Astronomical photography) (Artificial satellites--Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

YUREVICH, V.A.; KRYLOV, A.G.; HELENKO, V.I.; SENTSOVA, Yu.Ye.

Results of photographic observations of the Ekho-1, 1960, artificial satellite at the Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. Biul.sta.opt.nabl.isk.sput.Zem. no.26:6-15 '62. (MIRA 15:7)

1. Stantsiya Astronomicheskogo soveta AN SSSR.
(Artificial satellites—Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V.I.

Visual satellite observation with a shutter. Biul.sta.opt.nabl. isk.sput.Zem. no.28:3-6 '62. (MIRA 15:12)

1. Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR.
(Artificial satellites—Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BRATIYCHUK, M.V.; BELENKO, V.I.; KRYLOV, A.G.; SENTSOVA, Yu.Ye.; YUREVICH, V.; TUMANYAN, B.Ye.; KHARIN, B.T.; CHERVYAKOVA, A.F.; BEKUCHKA, Yu.I.; PLUZHNIKOV, V.Kh.; SHILKINA, Z.A.

Results of photographic observations of artificial satellites. Biul.sta.opt.nabl.isk.sput.Zem. no.28:16-30 '62. (MIRA 15:12)

1. Nachal'nik Uzhgorodskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Bratiychuk). Stantsiya Astronomicheskogo soveta AN SSSR (for Belenko, Krylov, Sentsova, Yurevich, Shilkina). 3. Nachal'nik Yerevanskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Tumanyan). 4. Nachal'nik Stantsii nablyudeniya iskusstvennukh sputnikov Zemli pri Tomskom gosudarstvennom universitet (for Kharin). 5. Nachal'nik stantsii No.074, Instituta astrofiziki AN Turkmenskoy SSR (for Chervyakova). 6. Nachal'nik stantsii nablyudeniya iskusstvennykh sputnikov Zemli Astronomicheskoy observatorii Khar'kovskogo universiteta (for Pluzhnikov).

(Artificial satellites—Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

TUMANYAN, B.Ye.; KALIKHEVICH, F.F.; IVAKINA, T.Ya.; BRATIYCHUK, M.V.; BELENKO, V.I.; KRYLOV, A.G.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.; YUREVICH, V.A.; ZAKHAROV, V.N.

Results of photographic observations of artificial earth satellites. Biul.sta.opt.nabl.isk.sput.Zem. no.29:37-44 '62. (MIRA 16:2)

1. Nachal'nik Yerevanskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Tumanyan). 2. Nikolayevskaya stantsiya nablyudeniya iskusstvennykh sputnikov Zemli (for Kalikhevich, Ivakina). 3. Nachal'nik Uzhgorodskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Bratiychuk). 4. Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR (for Belenko, Krylov, Sentsova, Shilkina, Yurevich). 5. Nachal'nik Irkutskoy stantsii nablyudeniya iskusstvennykh sputnikov Zemli (for Zakharov).
(Artificial satellites—Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

NEVEL'SKIY, A.V.; BELENKO, V.I.; KRYLOV, A.A.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.; YUREVICH, V.A.

Results of photographic observations of artificial earth satellites. Biul. sta. opt. nabl. isk. sput. Zem. no.30: 22-26 '62. (MIRA 16:6)

1. Sverdlovskaya stantsiya nablyudeniya Iskustvennogo sputnika Zemli (for Nevel'skiy). 2. Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR (for all except Nevel'skiy).
(Artificial satellites—Tracking)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V.I.; BELENKO, R.M.; KRYLOV, A.G.; PANFEROV, I.M.; ROMANOVA, G.V.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.

Zvenigorod Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. (1960). Biul. sta. opt. nabl. isk. sput. Zem. no.33:29-33 '63. (MIRA 17:7)

1. Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR.

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L 27196-65 EEO-2/EWT(d)/FBD/FSF(h)/FSS-2/EWT(l)/FS(v)-3/EEC(k)-2/EWG(v)/EWA(d)/T/EEC(c)-2/EET-2/EED(b)-3 Pn-4/Po-4/Pe-5/Pc-4/Pac-4/Pg-4/Pae-2/Pi-4/Pk-4/Pl-4 IJP(c) GW/WR

ACCESSION NR: AT5003597 S/2816/63/000/033/0029/0033

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova, G. V.; Sentsova, Yu. Ye.; Shilkina, Z. S.

TITLE: [Results of Satellite Observations]

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 33, 1963, 29-33

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera, satellite 1960 ι_1, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the satellite 1960 ι_1 during August and October 1961. A NAFA-3s/25 camera was used. The observer was A. G. Krylov. Measurements were made on a KIM-3 microscope by R. M. Belenko, I. M. Panferov, and G. V. Romanova. Computations were made by the Kiselev method for two sets of three reference stars and by the Turner method. Yu. Ye. Sentsova did the calculations on the Ural computer. Observation times were reduced to standard time. The last column of the table shows possible maximal error in coordinates because of unreliability of locating optical center within 1 cm. V. I. Belenko and Z. S. Shilkina participated in the work. Results of 125 observations are given in a table, part

Card 1/3

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L 27196-65
ACCESSION NR: AT5003597

of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Zvenigorodskaya stantsiya Astronomicheskogo soveta AN SSSR (Zvenigorodka Station of the Astronomical Council AN SSSR)

SUBMITTED: 17Feb63 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 27196-65
ACCESSION NR: AT5003597

ENCLOSURE: 01

Zvenigorodka Station of the Astronomical Council AN SSSR

Date	U. T.	Δ T	α (1950.0)	δ (1950.0)	
1	2	3	4	5	6
		1960 ι_1			
1961					
August 10	$20^h52^m26^s.564$	$0^s.007$	$15^h38^m34^s.5$	$09^\circ37'34''$	12"
.....					
October 12	01 25 32.953	0.006	08 06 16.6	16 09 54	

Card 3/3

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V.I.; BELENKO, R.M.; KRYLOV, A.G.; PANFEROV, I.M.; ROMANOVA, G.V.; SENTSOVA, Yu.Ye.; SHILKINA, Z.S.

Station of the Astronomical Council of the Academy of Sciences of the U.S.S.R. (1961 ε, , 1961 α, , 1961 π, , 1960 ξ, , 1960 ι,). Biul. sta. opt. nabl. isk. sput. Zem. no.32:43-47 '63. (MIRA 17:7)

1. Stantsiya Astronomicheskogo soveta AN SSSR.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 27212-65 EED-2/EWT(d)/FED/FSF(h)/FSS-2/EWT(1)/FS(v)-3/EEC(k)-2/EWG(s)-2/EWG(v)/EWA(d)/EEC(t)/T/EEC(c)-2/EED-2/EED(b)-3 Pn-4/Po-4/Pe-5/Pq-4/Pac-4/Pg-4/Pae-2/Pi-4/Pk-4/Pl-4 IJP(c) TT/GW/WR

ACCESSION NR: AT5003549 S/2816/63/000/032/0043/0047

AUTHORS: Belenko, V. I.; Belenko, R. M.; Krylov, A. G.; Panferov, I. M.; Romanova, G. V.; Sentsova, Yu. Ye.; Shilkina, Z. S.

TITLE: Observations on the satellites 1961 ε_1, 1961 α_1, 1961 π_1, 1961 ζ_1, and 1960 ι_1

SOURCE: AN SSSR. Astronomicheskiy sovet. Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 32, 1963, 43-47

TOPIC TAGS: artificial satellite, satellite tracking, satellite tracking camera/1961 ε_1 satellite, 1961 α_1 satellite, 1961 π_1 satellite, 1961 ζ_1 satellite, 1960 ι_1 satellite, NAFA 3s/25 camera, KIM 3 microscope, Ural computer

ABSTRACT: Observations were made on the indicated satellites in August, September, and October 1961. A NAFA-3s/25 camera was used, and the observer was A. G. Krylov. Measurements on the KIM-3 microscope were made by R. M. Belenko, G. V. Romanova, and I. M. Panferov. Computations were made by the Kiselev method by means of two sets of three reference stars and by the Turner method. Computations on the Ural computer were made by Yu. Ye. Sentsova. Observation times were reduced to standard time. The last column of the table shows maximum possible error in coordinates

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 27212-65

ACCESSION NR: AT5003549

because of unreliability of determining optical center within 1 cm. V. I. Belenko and Z. S. Shilkina participated in the work. Results of 118 observations are given in a table, part of which is reproduced on the Enclosure. Orig. art. has: 1 table.

ASSOCIATION: Stantsiya Astronomicheskogo soveta AN SSSR (Station of the Astronomical Council, AN SSSR)

SUBMITTED: 28Dec62 ENCL: 01 SUB CODE: SV, DC

NO REF SOV: 000 OTHER: 000

Card 2/3

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 27212-65

ACCESSION NR: AT5003549

ENCLOSURE: 01

Station of the Astronomical Council, AN SSSR

No.	Date	U. T.	ΔT	α (1950.0)	δ (1950.0)	
1	2	3	4	5	6	7
	1961		1961 ϵ_1			
1.	August 3	$23^h11^m00^s.692$	$0^s.005$	$20^h13^m24^s.8$	20°08'58"	12"
.....						
			1960 ι_1			
76.	August 10	19 01 58.329	0.005	22 18 09.3	07 38 16	16

Card 3/3

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

SHELUDCHENKO, V.P.; BELENKO, V.I.

Machine for cutting plywood. Trudy BONMZ no.1:11-15 '63.
(MIRA 16:6)
(Cutting machines)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

L 45224-65 EWG(j)/EWT(m)/FCC/T IJP(c)
ACCESSION NR: AP5009152 S/0166/65/000/001/0098/0104

AUTHOR: Abduzhamilov, Sh.; Belen'kiy, V. M.; Chernova, L. P.; Chernov, G. M.

TITLE: Angular distribution of shower particles in collisions between 24-GeV protons and nucleons and photoemulsion nuclei

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 1, 1965, 98-104

TOPIC TAGS: nuclear shower, proton nucleon collision, emulsion nucleus, angular distribution, azimuthal distribution, lateral distribution

ABSTRACT: The purpose of the investigation was to study some general characteristics of the distributions of the lateral (θ) and azimuthal (φ) angles of the secondary particles generated by protons colliding with nucleons and nuclei in emulsion. The experimental material was a set of G-5 plates with 600 μ emulsion irradiated in the CERN accelerator with 24-GeV protons. The scanning rate was ~ 1 m/hr and the efficiency close to 100%. The lateral angular distribution, as measured by the quantity $x = \log|\tan\theta|$, was found to be nearly normal for both proton and nucleon collisions (nucleon multiplicity 4--12) and for collisions with

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ACCESSION NR: AP5009152

heavy particles. A theoretical estimate of the probability density of the quantity x, starting from a Maxwellian distribution of the particle c.m.s. momenta, was made and an analytic expression obtained for the mathematical expectation in terms of integrals that have no divergences and can be readily evaluated numerically. The analysis of the azimuthal distribution was based on an earlier high-sensitivity procedure, developed by the authors for the observation of various correlations in the azimuthal angular distribution (ZhETF v. 45, 407, 1963). This procedure was used to investigate the distribution of the azimuthal angles in showers generated by cosmic ray particles, and no correlations were observed other than those due to the momentum conservation law. A comparison of the distribution with respect to x for "pions" from pN collisions with the theoretical calculations indicates that the angular distribution remains anisotropic at very large multiplicities. Orig. art. has: 2 figures, 11 formulas, and 1 table.

ASSOCIATION: Institut yaderroy fiziki AN UzSSR (Institute of Nuclear Physics, AN UzSSR)

SUBMITTED: 27Oct64 ENCL: 00 SUB CODE: NP

NR REF SOV: 004 OTHER: 005

Card 2/2

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKO, V.P.

Efficient organization of the fermentation and storage sections of a brewery. Ferm. i spirt. prom. 30 no.5:33-35 '64. (MIRA 17:10)

1. Sortaval'skiy pivovarennyy zavod.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

KATSOBASHVILI, Ya.R.; GARBER, Yu.N.; EL'BERT, E.I.; BELENKO, Z.G.;
Prinimal uchastiye SMIRNOV, V.K., laborant

Hydrocracking of high boiling fractions of coal tar in a catalyst stationary bed under the pressure of 30 atoms.
Koks i khim. no.10:48-52 O '61. (MIRA 15:1)

1. Institut neftekhimicheskogo sinteza AN SSSR (for Katsobashvili).
2. Kuznetskiy filial Vostochnogo uglekhimicheskogo instituta (for Garber, El'bert, Belenko).
(Cracking process)
(Coal tar)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

KATSOBASHVILI, Ya.R.; EL'BERT, E.I.; SMIRNOV, V.K.; Prinimali uchastiye: BELENKO, Z.G.; STRAKHOVA, M.A.

Hydrocracking of pitch distillates. Khim. i tekh.topl. i masel 9 no.2:5-11 F '64. (MIRA 17:4)

1. Institut neftekhimicheskogo sinteza AN SSSR.

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, A.S.

Modernizing a grinding tool. Stan.i instr. 25 no.4:37 Ap '54. (MLRA 7:6)
(Grinding and polishing)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, A.K.; BOGOMAZOVA, M.N.

Pregnancy and a cyst of the ovary. Zdrav.Bel. 8 no.7:75-76 Jl '62.
(MIRA 15:11)

1. Iz Klimovicheskoy rayonnoy bol'nitsy (glavnyy vrach G.I. Yashin).
(OVARIES--TUMORS)
(PREGNANCY, COMPLICATIONS OF)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, A.K.

Treatment of intestinal obstruction. Zdrav. Bel. 9 no.6:72-73 Je '63. (MIRA 17:5)

1. Iz khirurgicheskogo otdeleniya Klimovichskoy rayonnoy bol'nitsy (glavnyy vrach G.I. Yashin).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, D.A.

Category : USSR / Plant Diseases. Diseases of Trees N-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22942

Author : Belenkov, D.A., Petri, V.N.
Title : Toxicity of Sodium Fluoride to Timber-Destroying Fungi when Used as an Antiseptic for Lumber of Different Varieties.

Orig Pub : Sb. tr. fak. mekhan. tekhnol. drevesiny. Uralskiy lesotekhn. in-t, 1956, No 1, 52-58

Abstract : The study of NaF toxicity to woody tissues was conducted on birch, aspen, linden, fir and cedar. The woody tissue of pine, on which the effect of sodium fluoride texicity is known, servec as a control. The determination of biological resistance of sodium fluoride-antisepticized woody tissue of different varieties was conducted with 4 species of timber-destroying fungi: Coniophora cerebella (Pers.) Schroet; Serpula lacrymans (Wulf.) S.F. Gray, Coriolus vaporarius (Fr.) Bond. et Sing. and Fomitopsis pinicola (SW) Darst. (nomenclature by the system of A.S. Bondartsev and R.A. Zinger). The tests were conducted by the VIAM method (wood sawdust) with some changes. Tests showed a difference in NaF dose-size for woody tissues of different varieties.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

Category : USSR / Plant Diseases. Diseases of Trees N-2

Abs Jour : Ref Zhur - Biol., No 6, March 1957, No 22942

For birch woody tissue the dose limit for C. cerebella is 0.42% of the dry antiseptic on absolute dry wood weight; for cedar, linden and aspen, 0.527-0.577%; for pine 0.756% and for fir 1.003%. In testing on woody tissue of one variety no differences in dosage limits for tested species of timber-destroying fungi were found. At the same time, a study was conducted on the possibility of wood destruction by timber-destroying fungi with high original moisture in woody tissue. The data show that with development of aerobic fungi the destruction of woody tissue proceeds intensively even under conditions of high moisture.

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, D.A.; PETRI, V.N.; PERMIKIN, I.P.

Investigating the decay resistance of the wood of various tree species under laboratory conditions and in buildings. Trudy Inst. biol. UFAN SSSR no.17:73-97 '60. (MIRA 14:4)
(WOOD-DECAYING FUNGI)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, D.A.; PETRI, V.N.; FOKINA, A.G.

Investigating the decay resistance of the antisepticized wood of various tree species and the toxicity of new antiseptics upon house fungi. Trudy Inst. biol. UFAN SSSR no.17:129-147 '60.
(MIRA 14:4)

(WOOD-DECAYING FUNGI) (WOOD PRESERVATIVES)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, D. A., Cand Agr Sci -- (diss) "Research into the anti-decay stability of non-antiseptic and antiseptic woods of various kinds." Sverdlovsk, 1960. 23 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Ural'skiy Forestry Engineering Inst); 180 copies; price not given; (KL, 28-60, 162)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BASOV, N.G.; BELENOV, E.M.; LETOKHOV, V.S.

Finite cross section of the radiation beam from a laser. Dokl. AN SSSR 161 no.4:799-801 Ap '65. (MIRA 18:5)

1. Fizicheskiy institut im. P.N.Lebedeva AN SSSR. 2. Chlen-korrespondent AN SSSR (for Basov).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

ANDRYUSHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye., BELINICHER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M., YES'KOV, K.A., ZGIRSKIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N. KUZ'MOV, N.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B., RUDAKOV, A.S., SAPRYKIN, V.M., SIDOROV, F.P., UMINSKIY, Ye.A. KHANZHIN, P.K., CHEREMOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary internal combustion engines, steam engines and windmills. Rural electrification. Mechanization of production in animal husbandry. Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli. Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiia proizvodstvennykh protsessov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p. (MIRA 11:9)

(Agricultural machinery)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERNOMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn. nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A., tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
(Agricultural machinery--Maintenance and repair)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELEN'KOV, G.YE.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELENKOV, G.Ya.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.; RUDAKOV, A.S.; SAPAYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk; retsenzent; MAKAROV, M.P., inzh.,retsenzent; TORBEYEV, Z.S., kand. tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent; SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora sel'skogo khoziaistva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and implements, and operation of machine and tractor yards] Traktory i avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p. (MIRA 10:12)

(Machine-tractor stations)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

KUDOYAROV, V.A. (Noril'sk); BELENKOV, I.A. (Noril'sk)

Non-freezing ice meter. Vod.i san. tekhn. no.10:35 O '62.
(MIRA 15:12)

(Pipelines)

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, Nikita Yur'yevich, prof.; ARKHANGEL'SKIY, G.V., red.

[Conditioned reflex and the subcortical formations of the brain] Uslovnyi refleks i podkorkovye obrazovaniia mozga. Moskva, Meditsina, 1965. 301 p.
(MIRA 18:7)

1. Kafedra fiziologii Meditsinskogo instituta, Gor'kiy (for Belenkov).

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

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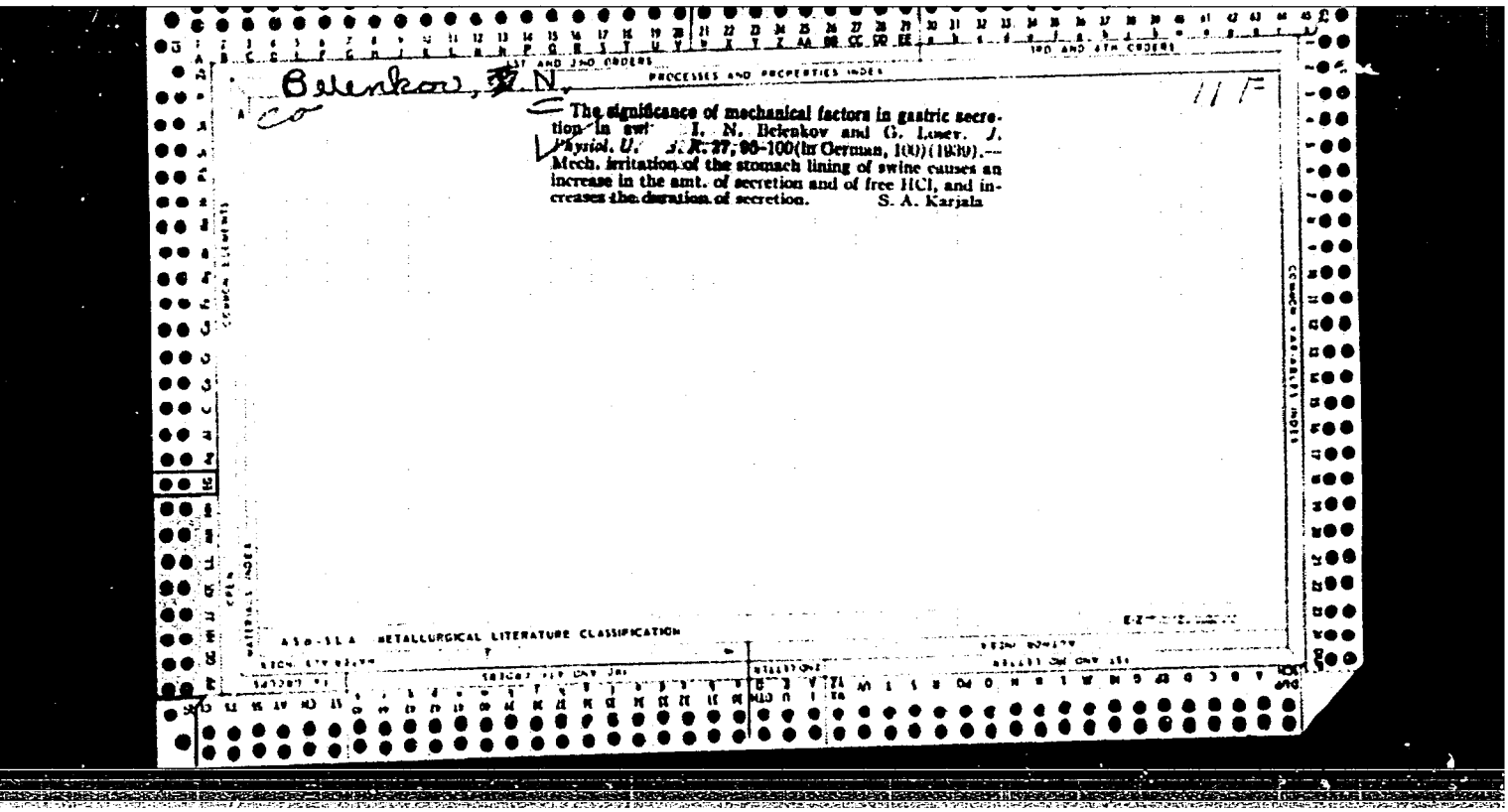

Belenkov, I. N.

Co

11 F

The significance of mechanical factors in gastric secretion in swi[ne]. I. N. Belenkov and G. Losev. *J. Physiol. U.S.S.R.* 27, 96-100 (in German, 100) (1939).—Mech. irritation of the stomach lining of swine causes an increase in the amt. of secretion and of free HCl, and increases the duration of secretion. S. A. Karjala

A50-11A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

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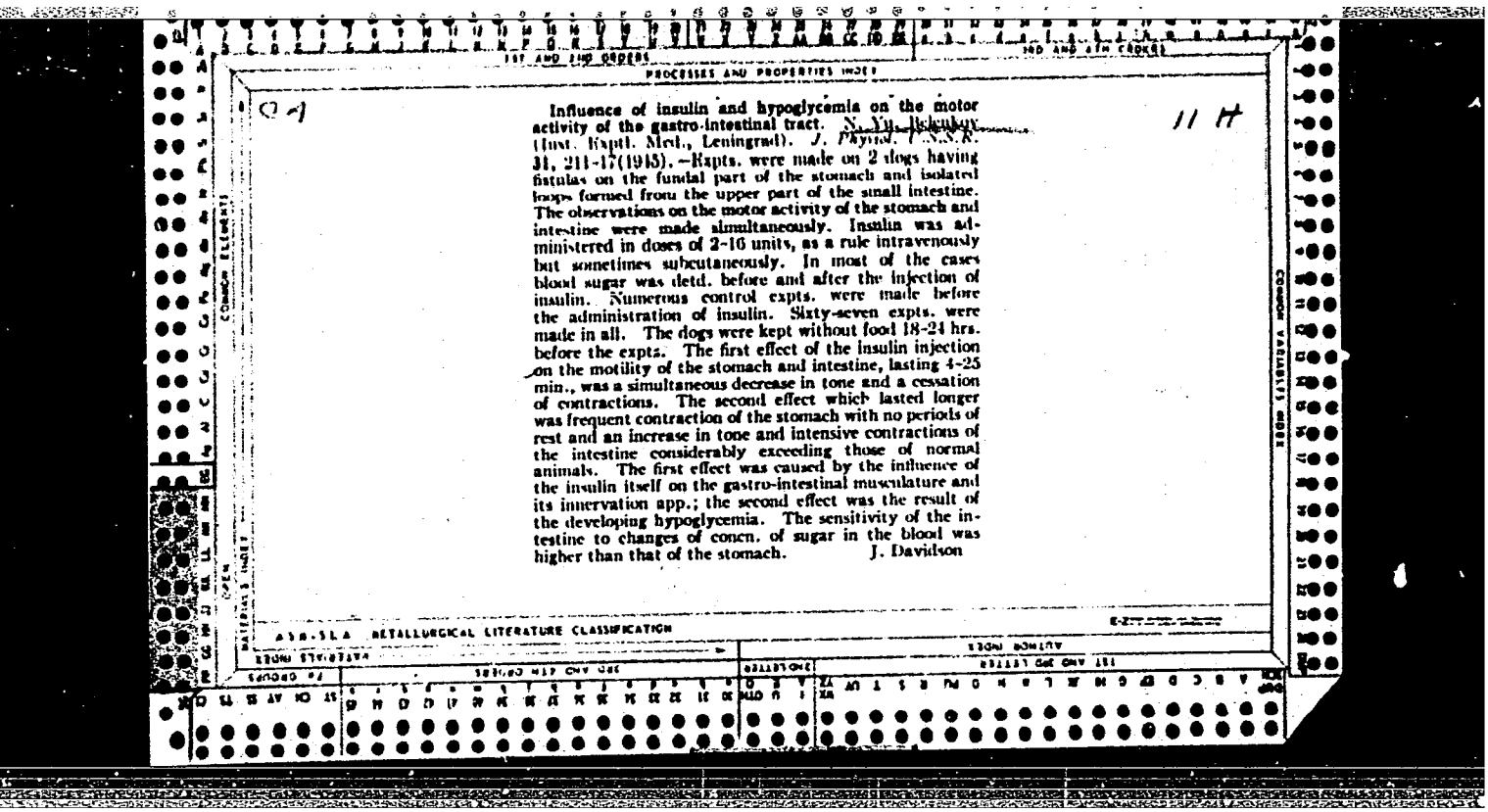

Influence of insulin and hypoglycemia on the motor activity of the gastro-intestinal tract. N. Yu. Ilyinsky (Inst. Exptl. Med., Leningrad). *J. Physiol. U.S.S.R.* 31, 211-17(1945).—Expts. were made on 2 dogs having fistulas on the fundal part of the stomach and isolated loops formed from the upper part of the small intestine. The observations on the motor activity of the stomach and intestine were made simultaneously. Insulin was administered in doses of 2-16 units, as a rule intravenously but sometimes subcutaneously. In most of the cases blood sugar was detd. before and after the injection of insulin. Numerous control expts. were made before the administration of insulin. Sixty-seven expts. were made in all. The dogs were kept without food 18-24 hrs. before the expts. The first effect of the insulin injection on the motility of the stomach and intestine, lasting 4-25 min., was a simultaneous decrease in tone and a cessation of contractions. The second effect which lasted longer was frequent contraction of the stomach with no periods of rest and an increase in tone and intensive contractions of the intestine considerably exceeding those of normal animals. The first effect was caused by the influence of the insulin itself on the gastro-intestinal musculature and its innervation app.; the second effect was the result of the developing hypoglycemia. The sensitivity of the intestine to changes of concn. of sugar in the blood was higher than that of the stomach. J. Davidson

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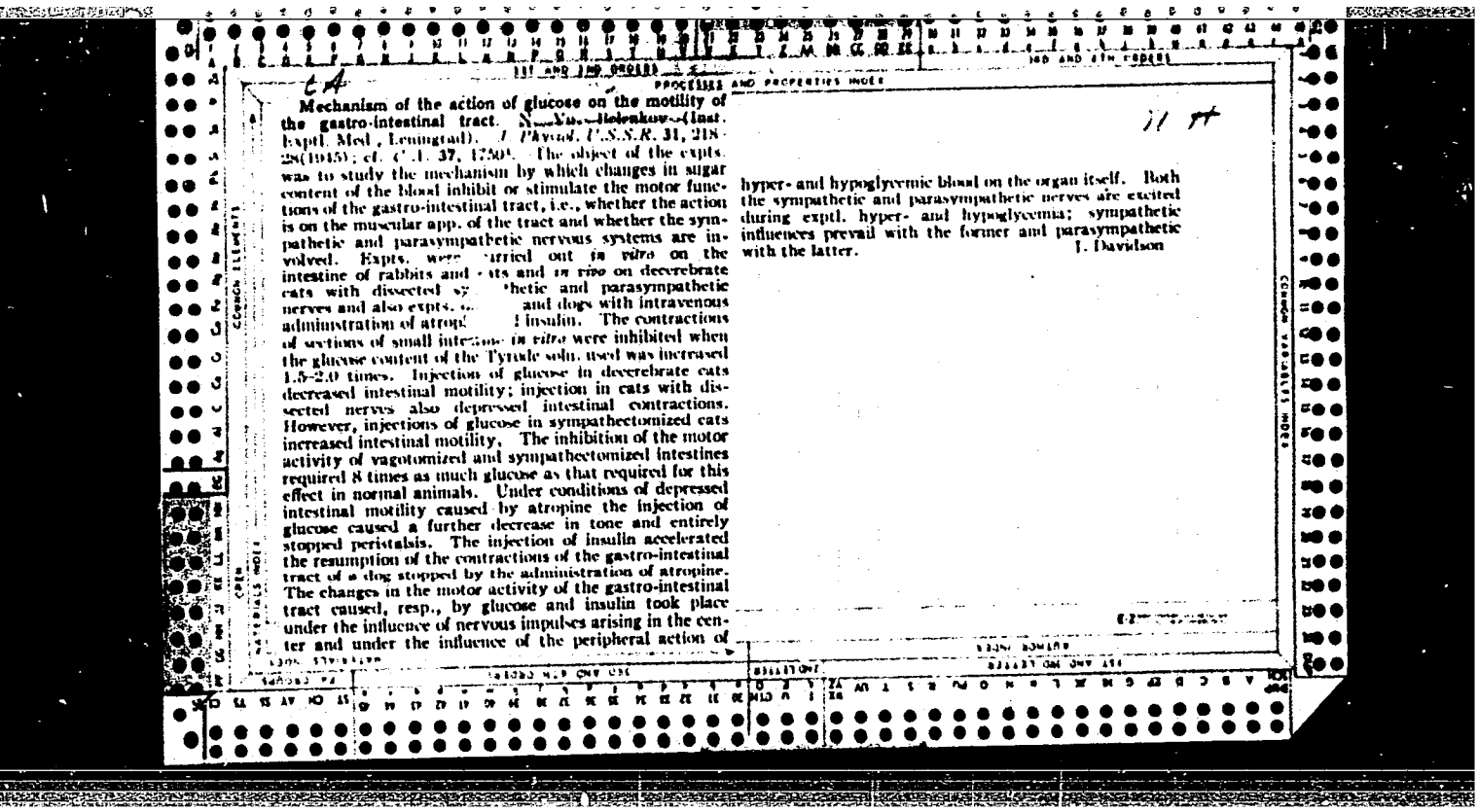

Mechanism of the action of glucose on the motility of the gastro-intestinal tract. S. Yu. Helenkow (Inst. Exptl. Med., Leningrad). *J. Physiol. U.S.S.R.* 31, 218-28(1945); cf. *C.A.* 37, 1750⁶. The object of the expts. was to study the mechanism by which changes in sugar content of the blood inhibit or stimulate the motor functions of the gastro-intestinal tract, i.e., whether the action is on the muscular app. of the tract and whether the sympathetic and parasympathetic nervous systems are involved. Expts. were carried out *in vitro* on the intestine of rabbits and cats and *in vivo* on decerebrate cats with dissected sympathetic and parasympathetic nerves and also expts. on cats and dogs with intravenous administration of atropine and insulin. The contractions of sections of small intestine *in vitro* were inhibited when the glucose content of the Tyrode soln. used was increased 1.5-2.0 times. Injection of glucose in decerebrate cats decreased intestinal motility; injection in cats with dissected nerves also depressed intestinal contractions. However, injections of glucose in sympathectomized cats increased intestinal motility. The inhibition of the motor activity of vagotomized and sympathectomized intestines required 8 times as much glucose as that required for this effect in normal animals. Under conditions of depressed intestinal motility caused by atropine the injection of glucose caused a further decrease in tone and entirely stopped peristalsis. The injection of insulin accelerated the resumption of the contractions of the gastro-intestinal tract of a dog stopped by the administration of atropine. The changes in the motor activity of the gastro-intestinal tract caused, resp., by glucose and insulin took place under the influence of nervous impulses arising in the center and under the influence of the peripheral action of hyper- and hypoglycemic blood on the organ itself. Both the sympathetic and parasympathetic nerves are excited during exptl. hyper- and hypoglycemia; sympathetic influences prevail with the former and parasympathetic with the latter.

J. Davidson

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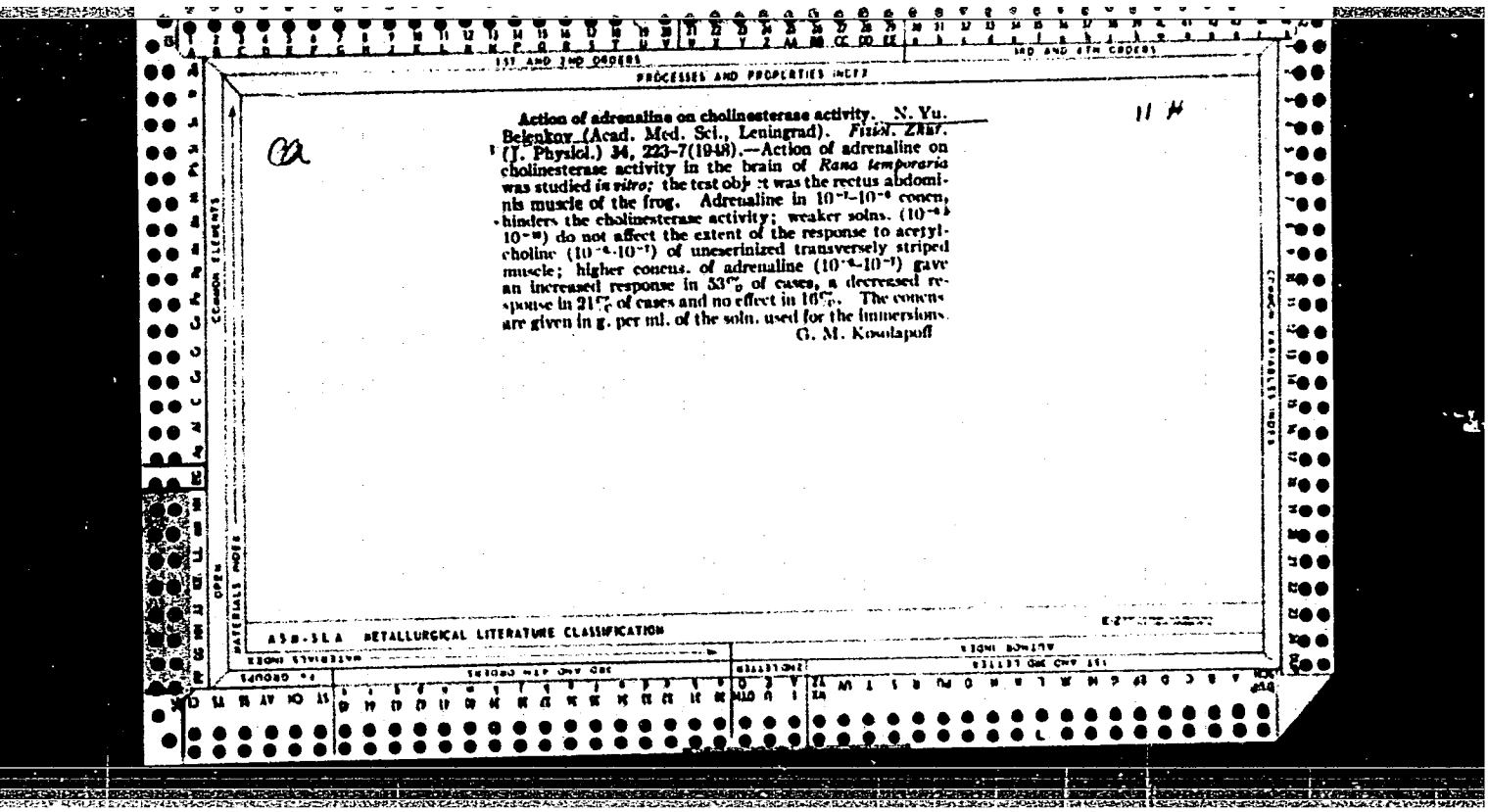

PROCESSES AND PROPERTIES INDEX

Action of adrenaline on cholinesterase activity. N. Yu. Belenkov. (Acad. Med. Sci., Leningrad). *Fiziol. Zhur.* (J. Physiol.) 34, 223-7(1948).—Action of adrenaline on cholinesterase activity in the brain of *Rana temporaria* was studied *in vitro;* the test object was the rectus abdominis muscle of the frog. Adrenaline in 10^{-7}–10^{-6} concn. hinders the cholinesterase activity; weaker solns. (10^{-6}–10^{-5}) do not affect the extent of the response to acetylcholine (10^{-6}–10^{-7}) of uneserinized transversely striped muscle; higher concns. of adrenaline (10^{-6}–10^{-5}) gave an increased response in 53% of cases, a decreased response in 21% of cases and no effect in 16%. The concns. are given in g. per ml. of the soln. used for the immersions.
G. M. Kosolapoff

A58-5LA METALLURGICAL LITERATURE CLASSIFICATION

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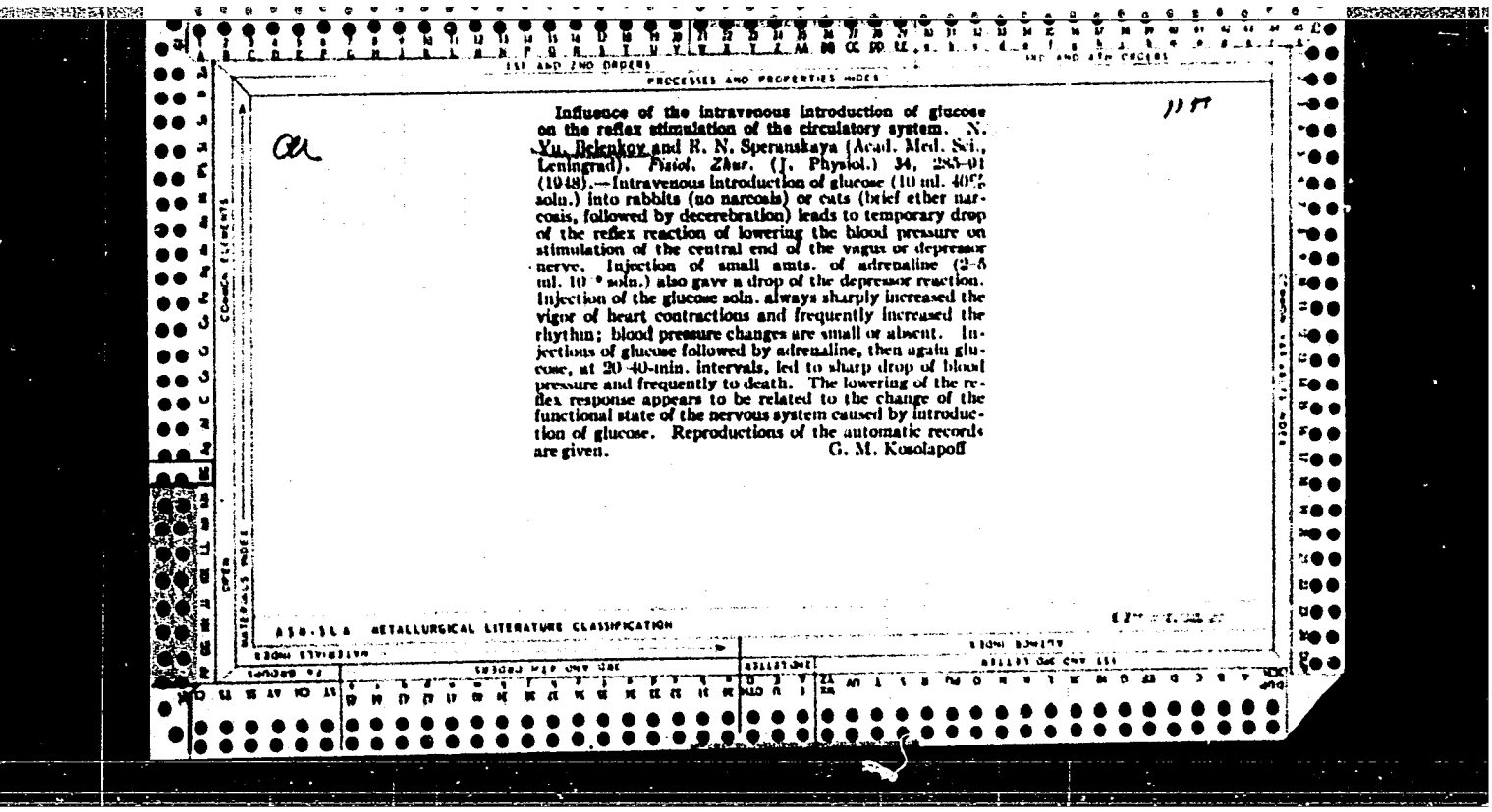
"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5



Influence of the intravenous introduction of glucose on the reflex stimulation of the circulatory system. N. Yu. Belenkov and R. N. Speranskaya (Acad. Med. Sci., Leningrad). *Fiziol. Zhur.* (J. Physiol.) 34, 285-91 (1948).—Intravenous introduction of glucose (10 ml. 40% soln.) into rabbits (no narcosis) or cats (brief ether narcosis, followed by decerebration) leads to temporary drop of the reflex reaction of lowering the blood pressure on stimulation of the central end of the vagus or depressor nerve. Injection of small amts. of adrenaline (2–5 ml. 10 ⁻⁵ soln.) also gave a drop of the depressor reaction. Injection of the glucose soln. always sharply increased the vigor of heart contractions and frequently increased the rhythm; blood pressure changes are small or absent. Injections of glucose followed by adrenaline, then again glucose, at 20–40-min. intervals, led to sharp drop of blood pressure and frequently to death. The lowering of the reflex response appears to be related to the change of the functional state of the nervous system caused by introduction of glucose. Reproductions of the automatic records are given. G. M. Kosolapoff

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N. Yu.

USSR/Medicine - Physiology FD 253

Card 1/1

Author : Belenkov, N. Yu.

Title : Methods of removal of cortex of large hemispheres (neocortex) in cats

Periodical : Fiziol.zhur. 2, 230-232, Mar/Apr 1954

Abstract : Successful preparation of animals for systematic experimentation in removal of the cortex of large hemispheres and successful outcome of such an operation depends on several conditions. Choice of narcotics is of great importance. Intrasmuscular injection of 10% solution of 1.2-1.4 cc per kg of animal weight of hexanal assures profound sleep not only during operation (lasting usually 2 hours) but also for 24-48 hours afterwards. Cortex of the right hemisphere was removed in 78 experimental cats: 25 of these cats survived. After they showed signs of recovery the cortex of the left hemisphere was removed. Out of that number 5 cats survived after the second operation; they lived in a laboratory from 7 months to 3 1/2 years. Fifteen references, seven Soviet.

Institution : Physiological Department imeni I. P. Pavlov, Institute of Experimental Medicine, Academy of Medical Sciences USSR, Leningrad

Submitted : June 28, 1953

APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5"

"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N.Yu.,; POTORNYKO, G.,; STARTSEVA, R.

Temporary bonds of the respiratory apparatus in decorticated cats. Biul. eksp. biol. i med. 41 no.2:17-20 F '56. (MLRA 9:6)

1. Iz kafedry normal'noy fiziologii (zav.-prof. D.G. Kvasov) Leningradskogo pediatricheskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR P.S. Kupalovym.

(RESPIRATION, physiology,
conditioned temporary vonds in cats after cerebral decortication (Rus))
(REFLEX, CONDITIONED,
conditioned temporary resp. bonds in cats after cerebral decortication (Rus))
(CEREBRAL CORTEX, physiology,
same)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

USSR/Human and Animal Physiology
Cortex of Cerebral Hemispheres.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 32167

Author : Belenkov, N.Yu.
Inst :
Title : On the Function of Some Analysors in Animals After the Removal of the Cerebral Cortex.

Orig Pub : Zh. vyssh, nerv, deyat-sti, 1957, 7, No 2, 291-298.

Abstract : In cats, after the removal of the cerebral cortex (paleocortex, archicortex and subcortex formations remained untouched), the reaction to sound and the ability to localize it was preserved; conditioned reflexes were developed to sound, as well as rough differentiation. The same animals perceived light and darkness, but there was no higher visual analysis in them. Rough analysis of smell and taste sensations survived, but sharper differentiations were impaired. Thus, the functions most

Card 1/2

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USSR/Human and Animal Physiology - The Nervous System.

Abs Jour : Ref Zhur Biol., ; No 3, 1959, 13153

Author : Delenkov, N.Yu.

Inst :

Title : Complex Unconditioned Reflexes in Cats Deprived of Cortex of the Cerebral Hemisphere

Orig Pub : Zh. vyssh. nervn. deyat. stim.1957, 7, No 2, 299-305

Abstract : In 5 cats deprived of the cortex and observed for periods of 6 months to $3\frac{1}{2}$ years, complex unconditioned reflexes (alimentary, defense, orientating, sexual, reflex of free movement, blinking, washing) were substantially different in external appearance from those of normal animals. Alimentary excitability after decortication, judging by motor activity and voracity of the animals, was increased. In hungry, decorticated cats the motor reaction to sound and light was stronger than in animals which had been fed. The orientating reflexes after decortication were more

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Abs Jour : Ref Zhur Biol., No 3, 1959, 13153

pronounced and could not be suppressed. Defense reflexes in decorticated cats proved to be more primitive. Decortication weakened the sexual, blinking, and scratching reflexes and the reflex of free movement. -- A.M. Ryabinovskaya

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BELENKOV, N.Yu., SMETANKIN, G.N., AZOLOV, V.V., GUNIN, G.P.

Method of local cold exclusion of the cerebral cortex [with summary in English]. Biul.eksp.biol. i med. 45 no.2:121-123 F'58.(MIRA 11:5)

1. Iz kafedry normal'noy fiziologii (zav. - prof. N. Yu. Belenkov) Gor'kovskogo meditsinskogo instituta ieni S.M. Kirova.
(CEREBRAL CORTEX, physiology,
segmental exclusion with capsule for cold solutions (Rus))

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BELENKOV, N., prof.

Reliable helpers for a doctor. Radio no.3:20 Mr '60.
(MIRA 13:6)
(ELECTRONICS IN MEDICINE)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N.Yu.

Temporary connections and some problems of their evolution. Fiziol. zhur. SSSR 46 no. 9:1126-1131 S '60. (MIRA 13:10)

1. From the Chair of Normal Physiology, Kirov Medical Institute, Gorkiy.

(CONDITIONED RESPONSE)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N.Yu.; SMETANKIN, G.N.

Role of the cerebral cortex in the regulation of blood pressure. Fiziol. zhur. 46 no.10:1218-1223 O '60. (MIRA 13:11)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta im. S.M. Kirova, Gor'kiy.
(CEREBRAL CORTEX) (BLOOD PRESSURE)

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BELENKOV, N.Yu.; CHIRKOV, V.D.

Irradiation of strychnine stimulation provoked in the cerebral cortex. Zhur.vys.nerv.deiat. 11 no.3:512-521 My-Je '61.
(MIRA 14:7)

1. Chair of Normal Physiology, Medical Institute, Gorky.
(STRYCHNINE) (CEREBRAL CORTEX)
(EPILEPSY)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N.Yu.; CHIRKOV, V.D.

On the effect of stimulation of the cortical projection zones on the process of generalization of the electrical reaction (desynchronization) in the cerebral cortex. Zh. vyssh. nerv. deiat. Pavlov 13 no.3:390-397 '63. (MIRA 17:9)

1. Kafedra normal'noy fiziologii Gor'kovskogo meditsinskogo instituta.

(CEREBRAL CORTEX) (RETICULAR FORMATION)
(BRAIN ELECTROPHYSIOLOGY) (SOUND) (LIGHT)

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"APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000204310006-5

BELENKOV, N.Yu.; CHIRKOV, V.D.

Origin of generalized epileptiform discharges in the cerebral cortex. Zhur.vys.nerv.deiat 14 no.1:68-76 Ja-F '64. (MIRA 17:6)

1. Chair of Normal Physiology, Medical Institute, Gorkiy.

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ACC NR: AP7002011 SOURCE CODE: UR/0043/66/000/004/0086/0090

AUTHOR: London, G. Ye.; Belenkov, V. D.

ORG: none

TITLE: Establishing an equivalent circuit of a piezoelectric pressure transducer and determining basic parameters of a measuring system for solving gasdynamic problems

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 4, 1966, 86-90

TOPIC TAGS: piezoelectric transducer, pressure transducer, gas pressure, ~~pressure measuring; pressure measuring instrument~~, circuit design, gas dynamics

ABSTRACT: This article presents a description and analysis of the operation of an equivalent electric circuit for a piezoelectric pressure transducer which when combined with an adequate measuring circuit makes it possible to reproduce the process under consideration. A differential equation describing the operation of the piezoelectric pressure transducer according to the circuit diagram presented in the text is derived, and a method for calculating basic electric parameters of the circuit is outlined. Orig. art. has: 1 figure and 19 formulas.

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LONDON, G.Ye.; BELENKOV, V.D.

High-precision electronic chronograph. Vest. LGU 20 no.19:87-92 '65. (MIRA 18:10)

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PETRUNENKO, A.Ye., nauchnyy sotrudnik; BELENOV, V.K.

Complete utilization of all hidden potentials. Avtom., telem. i sviaz' 9 no.5:42-43 My '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Petrunenko). 2. Glavnyy inzh. stantsii Perovo Moskovskoy dorogi (for Belenov).

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