SUDZHAYEV, G.A.

Treatment of diphtheria bacilli carriers with onion phytoncides and with biomycin and ecmolin. Zdrav.Belor. 3 no.10:58 O '57. (MIRA 13:6)

1. Glavnyy vrach sanepidstantsii Stalinskogo rayona g. Minska.
(DIPTHERIA) (ONIONS--THERAPEUTIC USE) (ANTIBIOTICS)

SUDZHAYEV, G.A.; TRUBETSKOY, A.A.

Experience of the sanitary and epidemiological station of Stalin District in Minsk in the struggle for health education.
Gig. i san. 22 no.2:47-50 F '57 (MLRA 10:4)

1. Iz sanitarno-epidemiologicheskoy stantsii Stalinskogo rayona Minska.
(SANITATION, educ.
in Russia)

SUDZHAYEV, G.A.

Rare case of water pollution in a drilled well. Gig. i san. 22 no.3:81 Mr '57. (MLRA 10:6)

1. Glavnyy vrach sanitarno-epidemiologicheskoy stantsii Stalinskogo rayona Minska.
(WATER--POLLUTION)

SUDZHAYEV, G.A.

Treatment of diphtherial bacterinl carriers with biomycin and ecnoline. Zhur.mikrobiol.epid. i immun.28 no.12:60 D '57. (MIRA 11:4)

1. Iz sanitarno-epidemiologicheskoy stantsii Stalinskogo rayona Minska.
(TETRACYCLINE, therapeutic use,
diphtherial carriage control (Rus)
(DIPHTHERIA, transmission,
carriage, control with tetracycline (Rus)

SUDZHAYEV, G. A.: Master Med Sci (diss) -- "The characteristics of diphtheria bacillae-carrying and measures to combat it in Stalinskiy Rayon of the city of Minsk". Leningrad, 1958. 12 pp (Min Health RSFSR, Leningrad Sanitary-Hygiene Med Inst), 200 copies (KL, No 5, 1959, 157)

SUDZHAYEV, G.A.

Some remarks on the classification of the carrying of diphtheria bacteria and the evaluation of the effectiveness of measures for its control [with summary in English]. Pediatriia 36 no.2:39-42 F '58. (MIRA 11:3)

1. Iz sanitarno-epidemiologicheskoy stantsii Stalinskogo rayona Minska (glavnyy vrach G.A.Sudzhayev)
(DIPHTHERIA)

SUDZHAYEV, G.A.; SOLOV'YANCHIK, S.I.

Problem of epidemiological aspects of diphtheria carriers. Zdrav. Belor. 5 no.1:52-53 Ja '59. (MIRA 12:7)
(MINSK--DIPHTHERIA)

SUDZHAYEV, G.A.; SMILOVITSKAYA, G.I.

Experience in an inoculation detachment. Zdrav. Belor. 5 no.3:27-29 Mr '59. (MIRA 12:7)

1. Sanepidstantsiya Stalinskogo rayona g. Minska.
(DIPHTHERIA)

SUDZHAYEV, G.A.; SHILOVITSKAYA, G.I.

Status of immunity to diphtheria in children in the Stalin District of Minsk. Zdrav.Belor. 5 no.7:43-44 Jl '59.
(MIRA 12:9)

1. Sanepidstantsiya Stalinskogo rayona gor.Minska.
(MINSK--DIPHTHERIA--PREVENTIVE INOCULATION)

SUDZHAYEV, G.A.

Specificity of the tellurite test in diphteria. Zdrav.Belor. 6 no.2:31-34 F '60. (MIRA 13:6)

1. Sanepidstanstiya Stalinskogo rayona gor. Minska.
(DIPHTHERIA) (POTASSIUM TELLURITE)

SUDZHAYEV, G.A.; SMILOVITSKAYA, G.I.

Epidemiology of diphtheia. Zdrav. Belor. 6 no.6:34-35 Je '60.
(MIRA 13:8)

1. Sanepidstantsiya Stalinskogo rayona goroda Minska.
(MINSK—DIPHTHERIA)

SUDZHAYEV, G.A.; VODOP'YANOVA, M.B.; SHAPIRO, S.A.

Determination of the toxicity of diphtheria bacilli. Zdrav. Belor. 6 no. 10:42-43 O '60. (MIRA 13:10)

1. Sanepidstantsiya Stalinskogo rayona g. Minska.
(DIPHTHERIA—BACTERIOLOGY)

SUDZHAYEV, G.A., kand.med.nauk

Sanitary and epidemiological station of Stalin District in the city of Minsk. Zdrav. Bel. 7 no.3:56-57 Mr '61. (MIRA 14:3)
(MINSK—PUBLIC HEALTH)

SUDZHAYEV, G.A., kand.med.nauk; RYTIK, P.G., nauchnyy sotrudnik

Ways of eliminating diphtheria in Minsk. Zdrav. Bel. 7 no.5:11-15 My '61. (MIRA 14:6)

1. Sekretar' Komiteta po bor'be s difteriyey v Minske (for Sudzhayev).
2. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny (direktor V.I.Votyakov) (for Rytik).
(MINSK—DIPHTHERIA)

SUDZHAYEV, G.A.; SMILOVITSKAYA, G.I.

Restoration of immunity to diphtheria lost flooving infectious diseases. Vop.okh.mat.i det. 7 no.4:34-37 Ap '62. (MIRA 15:11)

1. Iz rayonnoy sanitarno-epidemiologicheskoy stantsii Minska.
(COMMUNICABLE DISEASES)
(DIPHTHERIA--PREVENTIVE INOCULATION)

SUDZHAYEV , G.A.

Critical observations on the article, "Butadion, an ective substance for the control of body lice". Zhur.mikrobiol., epid. i immun. 33 no.8:39-41 Ag '62. (MIRA 15:10)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(BUTADIONE) (INSECTICIDES) (LICE)

RYTIK, P.G.; SUDZHAYEV, G.A.; POLIVODA, Z.M. (Minsk)

Experience in the organization of inoculation rooms in White Russia. Sov. zdravookhr. 22 no.3:31-34 '63 (MIRA 17:1)

1. Iz Ministerstva zdravookhraneniya BSSR i Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. V.I. Votyakov).

SUDZHAYEV, I.A., inzh.; VEYTSMAN, M.I., kand.tekhn.nauk

Heating aggregates at cement concrete plants during the winter months. Avt.dor. 21. no.11:15-16 N '58. (MIRA 11:12)
(Concrete--Cold weather conditions)

SUKHAYEV, I.A., inzh.

Minor-capacity assembled storehouses for cement. Avt. dor. 28 no.1:24-26 Ja '65. (MIRA 18:3)

ZASHCHEPIN, Aleksey Nikitich, kand. tekhn. nauk; LEVITSKIY, Yevgeniy Fedorovich, inzh.; SUDZHAYEV, Ivan Alekseyevich, inzh.; OVCHAROV, Valentin Ivanovich, kand. tekhn. nauk; PINUS, Emil' Ruvimovich, inzh.; MAGILEVICH, V.M., red.; ZUBKOVA, M.S., red. izd-va; MAL'KOVA, N.V., tekhn. red.

[Highway concrete pavements] Betonnye pokrytiia avtomobil'nykh dorog. By A.N.Zashchepin i dr. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 381 p. (MIRA 15:2)

(Pavements, Concrete)

SUDZHYAN, A.V.

Effect of the depth of anesthesia on the electrolyte level in the blood serum of dogs. Biul. eksp. biol. i med. [illegible] /i.e.56/ no.10:62-64 0'63 (MIRA 17:8)

1. Iz laboratorii anesteziologii (zav. - kand. med. nauk V.P. Smol'nikov) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhinym.

SUDZHYAN, A.V.

Effect of depolarizing relaxants (ditiline) on the electrolyte content in blood plasma of dogs. Eksper. khir. i anest. 9 no.1:80-82 Ja-F '64. (MIRA 17:12)

1. Laboratoriya anesteziologii (zav. V.P.Smol'nikov) Instituta eksperimental'noy i klinicheskoy onkologii (dir. - prof. N.N.Blokhin) AMN SSSR, Moskva.

SUDZHYAN, TS.M.

Change in the glycemic reaction of the organism to insulin and adrenaline after cutting the right vagus nerve. Izv. AN Arm. SSR. Biol. nauki 16 no.12:31-38 D '63. (MIRA 17:2)

1. Kafedra biokhimii Yerevanskogo meditsinskogo instituta.

BUNYATYAN, G.Kh.; SUDZHYAN, TS.M.

Effect of gangleron and quateron on the respiration on some aspects of the carbohydrate metabolism of sections of the cerebral cortex and the superior cervical ganglia. Vop. biokhim. 3:27-39 '63. (MIRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian S.S.R., Erevan.

SUDZHYAN, TS.M.

Effect of gangleron and quateron on the respiration, on some aspects of carbohydrate metabolism, and on the amount of acetylcholine in the rat brain. Vop. biokhim. 3:41-51 '63. (MIRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian S.S.R., Erevan.

SUBMAP US

Permeability and concentration of the cellular juice of cotton plant in connection with its resistance to wilting A. D. Avetyan, A. A. Babayan, and V. S. Sarkisian (Armen. Sci. Research Inst., Tech. Cultures Ministry of Agr., Echmiadzin, U.S.S.R.). *Izvest. Akad. Nauk Armyan. S.S.R., Biol. i Sel'khoz. Nauki* 7, No. 3, 3-10(in Russian with Armenian summary)(1954).—It was shown that the relatively more wilt-stable varieties of cotton plant possess lower cell permeability (detd. by centrifuging and pressure expts.) in comparison with the more susceptible varieties. The dry-matter content in the cellular juice is greater in the stable plants that are subjected to wilting than in the susceptible ones; however, this difference is absent in healthy plants of both types. The relatively more stable varieties contain a higher content of osmotically active substances in the leaves and woody stems; as an effect of wilting these substances decline. The resistance to wilt can be explained by the higher concn. of reducing and osmotically active substances which may have fungicidal effects. G. M.-K.

(2)

SUDZHYAN, Ye. O., Cand of Bio Sci -- (diss) "On the significance of fodder treated with carbide residues on certain functions of an animal organism." Yerevan, 1957, 27 pp (Yerevan Zooveterinary Institute) 100 copies (KL, 33-57, 83)

STEFANYAN, G.P.; TOVMASYAN, S.A.; ZUDKHIAN, Ye.O.

Mechanism of the action of natural gastric juice on the animal organism. Izv. AN Arm. SSR. Biol. nauki 17 no.7 23-27 Jl '64.
(MIRA 17:10)

1. Kafedra fiziologii Yerevanskogo zooveterinarnogo instituta.

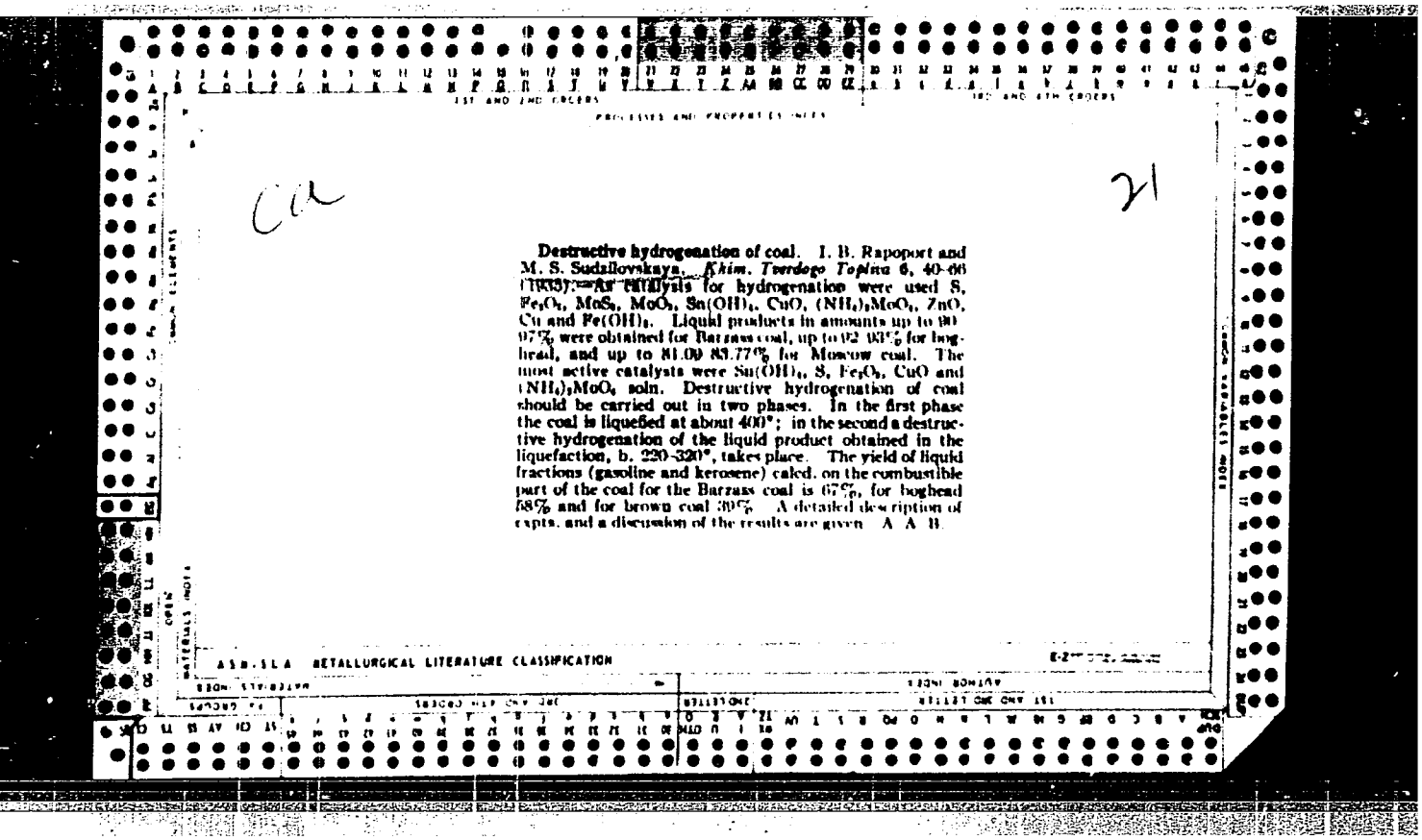
STEPANYAN, G.G.; SUDZHYAN, Ye.O.

Some blood indices in rabbits fed with chemically treated food. Izv. AN Arm. SSR. Biol. nauki 17 no.12:65-70 D '64.
(MIRA 18:3)

1. Yerevanskiy zooveterinarnyy institut, kafedra fiziologii.

ZAKHAROV, Ye.D.; YUGOVA, V.V.; KUZNETSOVA, K.N.; SADOVNIKOVA, L.N.; Prinimali uchastiye: SUDZILOVSKAYA, I.N.; DZEVOYED, A.I.; TIGINA, L.P.

Volumetric changes of semifinished products made of the B95 alloy in the process of heat treatment. Alium. splavy no.3: 227-236 '64. (MIRA 17:6)



CIA

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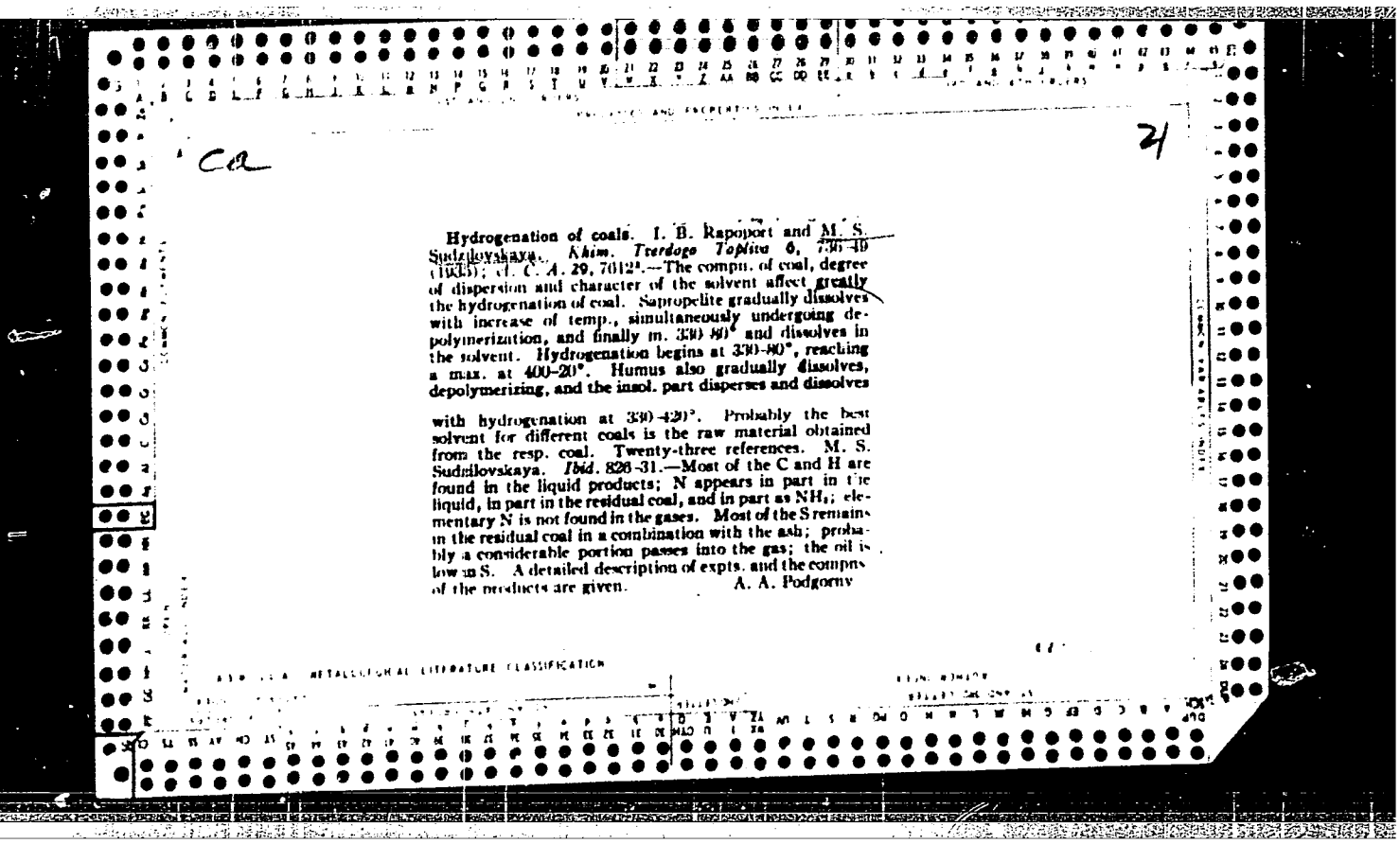
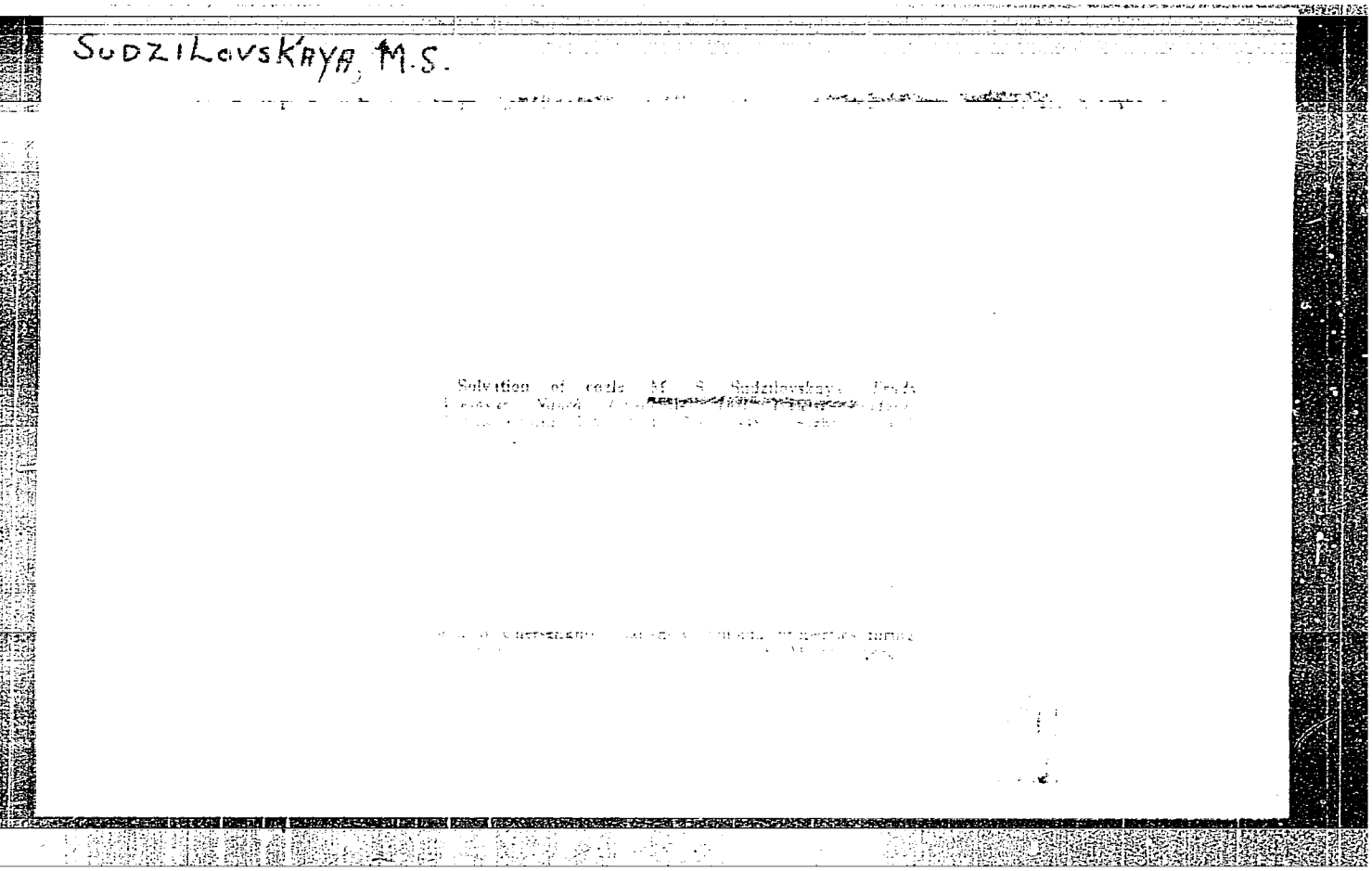
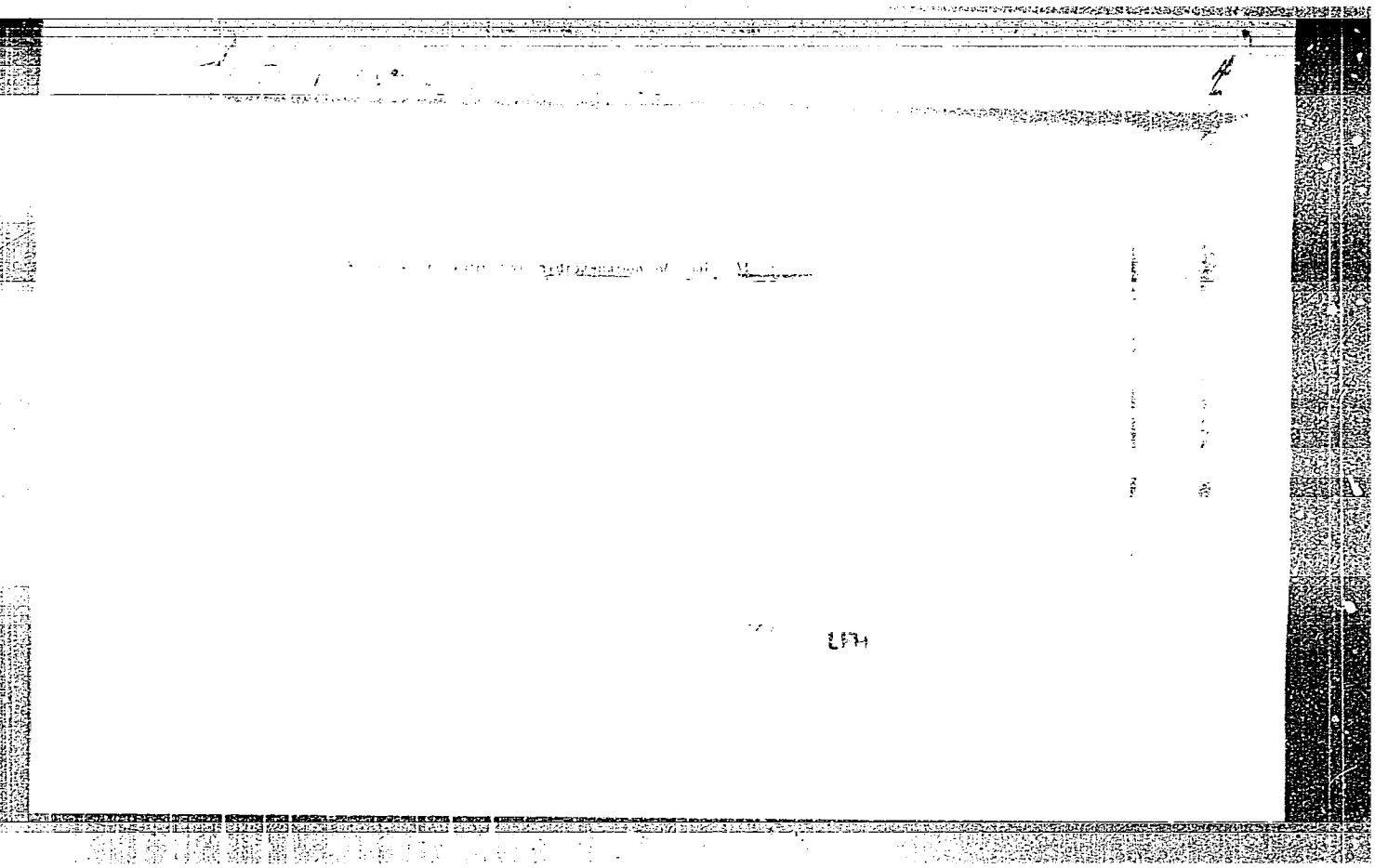
Destructive hydrogenation of coal. I. B. Rapoport and M. S. Sudalovskaya. *Khim. Tverdogo Topliva* 6, 40-66 (1935). As catalysts for hydrogenation were used S, Fe_2O_3, MoS_2, MoO_3, $Sn(OH)_4$, CuO, $(NH_4)_2MoO_4$, ZnO, Cu and $Fe(OH)_3$. Liquid products in amounts up to 90-97% were obtained for Barzass coal, up to 92.03% for Inghead, and up to 81.09-85.77% for Moscow coal. The most active catalysts were $Sn(OH)_4$, S, Fe_2O_3, CuO and $(NH_4)_2MoO_4$ soln. Destructive hydrogenation of coal should be carried out in two phases. In the first phase the coal is liquefied at about 400°; in the second a destructive hydrogenation of the liquid product obtained in the liquefaction, b. 220-320°, takes place. The yield of liquid fractions (gasoline and kerosene) calcd. on the combustible part of the coal for the Barzass coal is 67%, for boghead 58% and for brown coal 30%. A detailed description of expts. and a discussion of the results are given. A. A. B.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



Hydrogenation of coals. I. B. Rapoport and M. S. Sudzilovskaya. *Khim. Tverdogo Topliva* 6, 736-49 (1935); cf. *C. A.* 29, 7012⁸.—The compn. of coal, degree of dispersion and character of the solvent affect greatly the hydrogenation of coal. Sapropelite gradually dissolves with increase of temp., simultaneously undergoing depolymerization, and finally in. 330-80° and dissolves in the solvent. Hydrogenation begins at 330-80°, reaching a max. at 400-20°. Humus also gradually dissolves, depolymerizing, and the insol. part disperses and dissolves with hydrogenation at 330-420°. Probably the best solvent for different coals is the raw material obtained from the resp. coal. Twenty-three references. M. S. Sudzilovskaya. *Ibid.* 826-31.—Most of the C and H are found in the liquid products; N appears in part in the liquid, in part in the residual coal, and in part as NH_3; elementary N is not found in the gases. Most of the S remains in the residual coal in a combination with the ash; probably a considerable portion passes into the gas; the oil is low in S. A detailed description of expts. and the compns of the products are given. A. A. Podgorny





SUDZILOVSKIY, A., inzh.

Protecting ship pipelines and heat-exchanger coils against corrosion. Mor. flot 24 no.2:33-34 F '64.
(MIRA 18:12)

SUDZILOVSKIY, A.I.

Determining the submersion depth of different apparatus by the use of echo sounders. Trudy MGI 19:112-114 '60. (MIRA 14:7)
(Oceanographic research) (Sonar)

KOMAROV, V.K., inzhener; SUDZILOVSKIY, A.O., inzhener.

Expansion pieces for metallic pipelines. Gidr.stroi. 23 no.5: 17-19 '54. (MLRA 7:8)
(Pipelines)

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.; BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVOY, G.A.; BULEV, M.Z.; BURAKOV, N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.; GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT, Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.; GORBACHEV, V.N.; GRZHIB, B.V.; GREKULOV, L.F., kand. s.-kh. nauk; GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO, Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK, A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.; KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.; KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.; KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.; LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO, K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk; MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.; OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN, G.A., prof.; P'YANKOVA, Ye.V.; RAPOPORT, Ya.D.; REMEZOV, N.P.; ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.; RYBCHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.; SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVIKOV, K.S.; STAVITSKIY, Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA, Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.; TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN, N.A.; SHESTOPAL, A.O.; SHEKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA, I.N.; ENGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANGEL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.
Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VAIUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDELEYEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBREZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.R., retsenzent, red.; FEDOSEOV, Ye.M., retsenzent, red.; SHEVYAKOV, M.N., retsenzent, red.; SHMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnyy red.; RUSSO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,
(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.
Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N., tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHKOVSKIY, N.V., tekhn. red.

[Volga-Don; technical account of the construction of the V.I. Lenin Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center, and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk. Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of construction. Specialized operations in hydraulic engineering] Organizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.
Glav. red. S.IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.
(MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal--Hydraulic engineering)

SUDZILOVSKIY, A. S. PA 46/49T37

USSR/Engineering Aug 48
Fuel Conservation
Boilers

"Fuel Economy in the Fish Industry of the Northern Basin," A. S. Sudzilivskiy, 1 p

"Za Ekonomiyu Topliva" Vol V, No 8

Certain measures were introduced into the trawler fleet and the boilers in the port, resulting in an economy of 7,553 tons of fuel and 86,500 kw-h of power.

[redacted] 46/49T37

SUDZILOVSKIY, A.S., inzh.

Improved lubrication system of the main engines on trawlers.
Sudostroenie 29 no.6:53-54 Je '63. (MIRA 16:7)
(Marine engines--Lubrication)

SUDZILOVSKIY, A.S., inzh.

Using epoxy resins in ship repair operations. Sudostroenie 29 no.11:55-57 N '63. (MIRA 16:12)

USSR / Human and Animal Morphology (Normal and Pathological). S
Circulatory System. Blood Vessels.

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2944

Author : Sudzilovskiy, F. V.
Inst : Not given
Title : Collateral Circulation of the Caval System of the Cat

Orig Pub : Arkhiv anatomii, gistol. i embriologii, 1956, 33, No 3, 43-48

Abstract : In the first series of experiments one of two ligatures were applied on the trunk of the posterior vena cava or the segment from its origin to the level of renal veins was resected. The collateral circulation took place primarily by the unpaired vertebral veins, veins of the adrenals, ureters, perinephric capsule, diaphragm and those of the thoracic and abdominal

Card 1/3 1. Iz kafedry normal'noy anatomii (nach. - chl. - korr. AMN SSSR B.A.Dolgo-Saburov) Voenno-meditsinskoy ordena Lenina akad. im. S.M.Kirova.

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USSR / Human and Animal Morphology (Normal and Pathological). S
Circulatory System. Blood Vessels.

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2944

of collaterals was stimulated. Then, the ligature was tied. In both series the collateral circulation took place through the veins of the spinal canal, and those of the diaphragm, adrenals, through unpaired and other veins. From the intra-organic ones only the magistral veins were dilated. The portal-caval anastomoses play only a secondary role when the blood flow is impaired in the caval veins. A particularly important role in the development of collateral circulation is played by the veins within the spinal canal as well as the unpaired vein. -- N. G. Turkevich

Card 3/3

SUDZILOVSKIY, F.V.

Morphological changes in the kidneys in collateral blood circulation. Arkh. anat., gist. i embr. 8:19-25 '63. (MIRA 17:12)

1. Kafedra anatomii (zav. - prof. F.V.Sudzilovskiy) pri Gosudarstvennom dvazhdy ordenonosnom institute fizicheskoy kul'tury im. P.F.Lesgafta, Leningrad.

[illegible]YAN, D.M. (Leningrad, [illegible] ul. Soyuza [illegible] kv. 11);
DOLISHNIY, N.V. (Stanislav, ul. [illegible]);
SUDAKILOVSKIY, F.V. (Leningrad, [illegible] prospekt 11,
kv. 27)

Conference on collateral circulation in Stanislav, May 22-26,
1962. Arkh. anat., gist. i embr. 43 no.[illegible]-126 N '62.
(MIRA 17:8)

SUDZILOVSKIY, G.A., dotsent, kand.filologicheskikh nauk, KRAVETS, L.G., red.; KOZYRINA, L.A., red.; ANIKINA, P.F., tekhn.red.

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BAKANOV, R.A.; BURYAKOV, Yu.F.; VAKHMISTROV, V.V.; VOLODIN, N.V.; KUROCHKIN, V.D.; SAVELOV, V.P.; SUDZILOVSKIY, G.A.; MARCHENKO, V.G., red.; BALASHOVA, M.V., red.-leksikograf; BERDNIKOVA, N.D., red.-leksikograf; CHAPAYEVA, R.I., tekhn. red.

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KOLESNIKOV, Ye.V., kand. sel'skokhozyaystvennykh nauk; SUDZILOVSKIY, K.B., agronom.

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(Apple) (Fertilizers and manures)

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Dissection - Study and Teaching

Specialization of veterinarians in dissection. Veterinariia 29 no. 9, 1952 [p 14]

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

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Calculation of relay operation of a series ferroresonant circuit.
Trudy MAI no.121:70-75 '60. (MIRA 13:10)
(Automatic control)

L 7692-66 AM(k)/SSD/EWT(l)/EWP(e)/EWT(m)/EWP(c)/SSD(k)-2/EWP(i)/ETC/EPF(n)-2/
EWA(m)/EPA(w)-2/T/EWP(k)/EWP(b)/EWA(m)-2/EWA(h)/ETC(m) SCTB/IJP(c)

ACC NR: AP5028320 WW/GG/AT/WH SOURCE CODE: UR/0057/65/035/011/2052/2053

AUTHOR: Bogdankevich, O. V.; Sudzilovskiy, V. Yu.; Lozhnikov, A. A. 103 B

ORG: Physics Institute im. P. N. Lebedev, Moscow (Fizicheskiy institut)

TITLE: On the possible use of a laser beam in producing a powerful source of electrons 25,44

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 11, 1965, 2052-2053

TOPIC TAGS: current pulse, electron drawing, ruby laser, laser beam, laser heating, plasma

ABSTRACT: Powerful pulses can be produced by drawing the electrons out of a plasma bunch created during the heating of a cathode by a laser beam. The experimental setup capable of producing these bunches is shown in Fig. 1. An evacuated glass chamber 9 contains a tantalum cathode 1, an anode 2, a graphite collector 3, a right-angle prism with a total internal reflection 6, and a fixed short-f lens 7. A 0.3-j, 60—80-nanosec ruby laser beam 4, prefocused by a long-f lens 5, is passed through a slit in a collector rotated by the prism. The beam is then focused by lens 7, and passed through a 6-mm aperture in the anode onto the cathode (screened by a metallic chamber 8 with a 2-mm-diameter hole), where it generates plasma. The dependence of the amplitude of a generated current pulse on the potential difference between the anode and cathode, and on the laser output power at a charging voltage of 6 kV results in the

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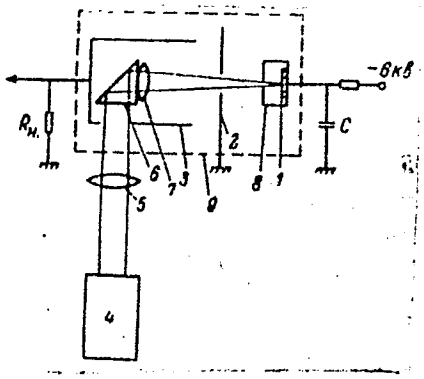

Fig. 1. Experimental setup

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generation of 500-amp, 80-nanosec current pulses, corresponding to a current density of 1800 amp/cm^2 at the anode. Although the physical aspects of the processes occurring in this case are not fully understood and thus call for additional experiments, the amplitude and shape of the current pulses obtained are far more stable than those obtained in a spark discharge, as demonstrated elsewhere (I. V. Kozhukhov et al, Use of a plasma gun for generating high-density electron fluxes. Preprint, OIYaI, Dubna, 1740, August 1964). No visible cathode damage was noticed after ~ 1000 bombardments, which seems to indicate that with improvements such an injector would be capable of delivering even higher current pulses at increased repetition rates. Orig. art. has: 3 figures. [YK]

SUB CODE: EC/ SUBM DATE: 13Mar65/ ORIG. REF: 001/ OTH REF: 003/ ATD PRESS: 4142

Card 3/3

L 34380-66 FBD/EWT(l)/EWT(m)/EEC(k)-2/T/EWP(t)/ETI/EWP(k) IJP(c)

ACC NR: AP6023202 WG/JD/JG SOURCE CODE: UR/0020/66/168/006/1283/1286

AUTHOR: Basov, N. G. (Corresponding member AN SSSR); Bogdankevich, O. V.; Goncharov, V. A.; Lavrushin, B. M.; Sudzilovskiy, V. Yu.

ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy institut Akademii nauk SSSR)

TITLE: A GaAs laser with a plane resonator

SOURCE: AN SSSR. Doklady, v. 168, no. 6, 1966, 1283-1286

TOPIC TAGS: semiconductor laser, gallium arsenide laser, plane resonator, electron beam pumping

ABSTRACT: Generation in a system with a plane resonator in which the mirror area S is much greater than L^2 (L is the distance between mirrors) is described. Experiments were carried out on an n-type GaAs sample with an impurity concentration of $2 \cdot 10^{16}$ cm^{-3} and a mobility of 5200 $cm^2/v \cdot sec$ at 300K. The sample was prepared in the form of a polished plane-parallel plate 100 u thick and several mm in diameter, and was pumped by ~150-kev electron pulses with a duration of $150 \cdot 10^{-9}$ sec and a repetition frequency of 10 cps. When L was equal to 100 μ, generation occurred at a current density of 5 amp/cm^2. The values of minimum gain necessary to achieve generation exceeded the experimentally measured value of the absorption coefficient at the generation wavelength by one order of magnitude. The magnitude of the discrepancy rules

Card 1/2 UDC: 535.89+535.14

SUD-ZLOCHEVSKIY, A.I.

"Dissertation Dealing With the Improvement of Connected Control Through the Introduction of Artificial Connections," Report submitted at the Second All-Union Conference on Automatic Control Theory, Moscow, 1953

Sum 1467

SUD-ZLOCHEVSKIY, A. I. Cand Tech Sci -- (diss) "Combined ~~control~~ of the voltage and frequency of aircraft converters". Len, 1957. 12 pp 21 cm. (KL, 10-57, 103)

SUD-ZLOCHEVSKIY, A.I.

PHASE I BOOK EXPLOITATION SOV/4526

Soveshchaniye po teorii invariantnosti i yego primeneniyu v avtomaticheskikh ustroystvakh. Lvov, 1958

Teoriya invariantnosti i yeye primeneniye v avtomaticheskikh ustroystvakh; trudy soveshchaniya (Theory of Invariance and Its Applications to Automatic Devices; Transactions of the Conference Oct. 16-20, 1958) Moscow, 1959. 381 p. No. of copies printed not given.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Otdeleniye tekhnicheskikh nauk.

Resp. Ed.: V.S. Kulebakin, Academician; Editorial Commission: V.A. Bodner, Doctor of Technical Sciences, A.G. Ivakhnenko, Doctor of Technical Sciences, A.Yu. Lebedev, Academician, Academy of Sciences USSR, N.A. Kozhanova, Candidate of Technical Sciences, P.I. Kuznetsov, Doctor of Physics and Mathematics, A.I. Kukhtenko, Doctor of Technical Sciences, B.N. Petrov, Corresponding Member, Academy of Sciences USSR, Ye.P. Popov, Doctor of Technical Sciences, G.M. Ulanov, Doctor of Technical Sciences, E.K. Shreyer, Academician, Academy of Sciences Ukr SSR, F.I. Chinayev, Candidate of Technical Sciences, and M.M. Chumakov, Candidate of Technical Sciences; Tech. Ed.: G.T. Kruglov.

PURPOSE: This collection of papers is intended for engineers and other specialists working in various fields of automation.

COVERAGE: The collection includes reports and papers presented at the Conference on the Theory of Invariance and Its Applications to Automatic Devices which was called by the Otdeleniye tekhnicheskikh nauk (Department of Technical Sciences) and the Institut elektrotekhniki (Institute of Electrical Engineering) of the Academy of Sciences of the Ukraine and convened in Lvov October 16 - 20, 1958. The papers presented are concerned with high-quality automatic control systems designed on the basis of compensating for the effects of disturbances or maintaining the invariance of the quality to be regulated with respect to the disturbances acting on the system. The reports treat the physical and mathematical foundations of invariance in automatic control systems; they also consider methods for designing and calculating invariant systems and problems connected with specific cases of practical applications of compensation in various automatic systems. On the basis of these reports it was established by the Conference that, by utilization of the conditions of compensation and the principle of invariance, it is possible to produce automatic systems and various arrangements which are more perfect from the viewpoint of quality of the regulation and control process, stability, simplicity of construction, and reliability of operation. The following members of the Lvov Section on Automatic Control are mentioned as organizers of the conference: A.I. Kukhtenko, A.G. Ivakhnenko, Yu.G. Izrailov, O.M. Krytkanovskiy, M.M. Chumakov, M.A. Kozhanova, and F.I. Chinayev. References accompany each article.

Section B. Regulation of Multiconnected and Other Systems

Card 4/6

CHINAYEV, P.I.; ZAYTSEV, G.F., kand. tekhn. nauk, retsenzent; SUD-ZLOCHEVSKIY, A.I., red.; BARANOVA, Z.S., red. izd-va; UVAROVA, A.F., tekhn. red.; MAKAROVA, L.A., tekhn. red.

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UFIMTSEV, I.G. [Ufimtsev, I.H.] (Kiyev)

Method for optimizing a transient process in a servosystem with an oscillatory drive of the third order. Avtomatyka 8 no.6:3-10 '63. (MIRA 17:8)

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SUD-ZLOCHEVSKIY, [illegible], kand. tekhn. nauk;
ZAYTSEV, G.F., [illegible], kand. tekhn. nauk, retsenzent

[Elements of electrical automatic control] Elementy elektroavtomatiki. Kiev, Tekhnika, 1965. 255 p.
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Mathematical Reviews
Vol. 15 No. 2
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Analysis

8-10-54
LL

Suetin, P. K. The theorems of Abel and Tauber for series of Faber polynomials. Doklady Akad. Nauk SSSR (N.S.) 91, 27–30 (1953). (Russian)

Let $\{a_n\}$ be a sequence of complex numbers, and let K be a continuum whose complement is a simply-connected domain G_∞ containing the point $z=\infty$. Let $z=\Psi(w)$, $\Psi(\infty)=\infty$, $\Psi'(\infty)>0$, be the univalent function which maps $|w|>1$ onto G_∞, and let $\Phi_n(z)$ be the Faber polynomials associated with the boundary Γ of K. The author forms the series (*) $f(z)=\sum_0^\infty a_n\Phi_n(z)$ and imposes conditions on Γ so that (*) has many of the properties of power series in the interior region G determined by Γ, including analogues of the Abel and Tauber theorems, of which the following result is typical: If Γ is analytic at some boundary point z_0, and if (*) converges at z_0, then the sum (*) tends to $f(z_0)=\sum_0^\infty a_n\Phi_n(z_0)$ as $z\to z_0$ along an arbitrary but non-tangential path inside G if one of the following conditions is satisfied: (1) Γ is such that $\Psi''(w)\in H_1$; (2) $\Psi'(w)\in H_1$ and $a_n=O(n^{-1})$; (3) $\Psi'(w)\in H_\delta$ and $\sum_0^\infty |a_n|^\delta$ converges, where $1<\delta\leqq 2$; (4) $a_n=O(n^{-1}\epsilon_n)$, where $\epsilon_n>0$ and $\sum_1^\infty \epsilon_n^{2n-1}$ converges. *A. J. Lohwater* (Ann Arbor, Mich.).

Math ①
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"Measurement of the coefficient formutual diffusion of gases using an optical method."

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Studies on the utilization of the sewage of the city of Sofia for irrigation purposes. Zesz probl post nauk roln 47:65-76 '64

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(SARCOMA, vagina, in child.)

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REVISTA TRANSPORTURILOR
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1. Z II Kliniki Pediatrycznej A.M. w Warszawie. Kierownik: prof. dr med. M. Michalowicz i z Zakladu Mikrobiologii Instytutu Reumatologii Dyrektor Instytutu; prof. dr med. E. Reicher: Warszawa, ul. Litewska 16.
(RHEUMATIC FEVER, blood in
antistreptolysin O (Pol))
(ANTISTREPTOLYSIS, in blood
O, in rheum. fever (Pol))

JARZEBSKA, Danuta; LESKIEWICZ, Wanda; SUFFCZYNSKA, Maria

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(RHEUMATIC FEVER, prev. & control)

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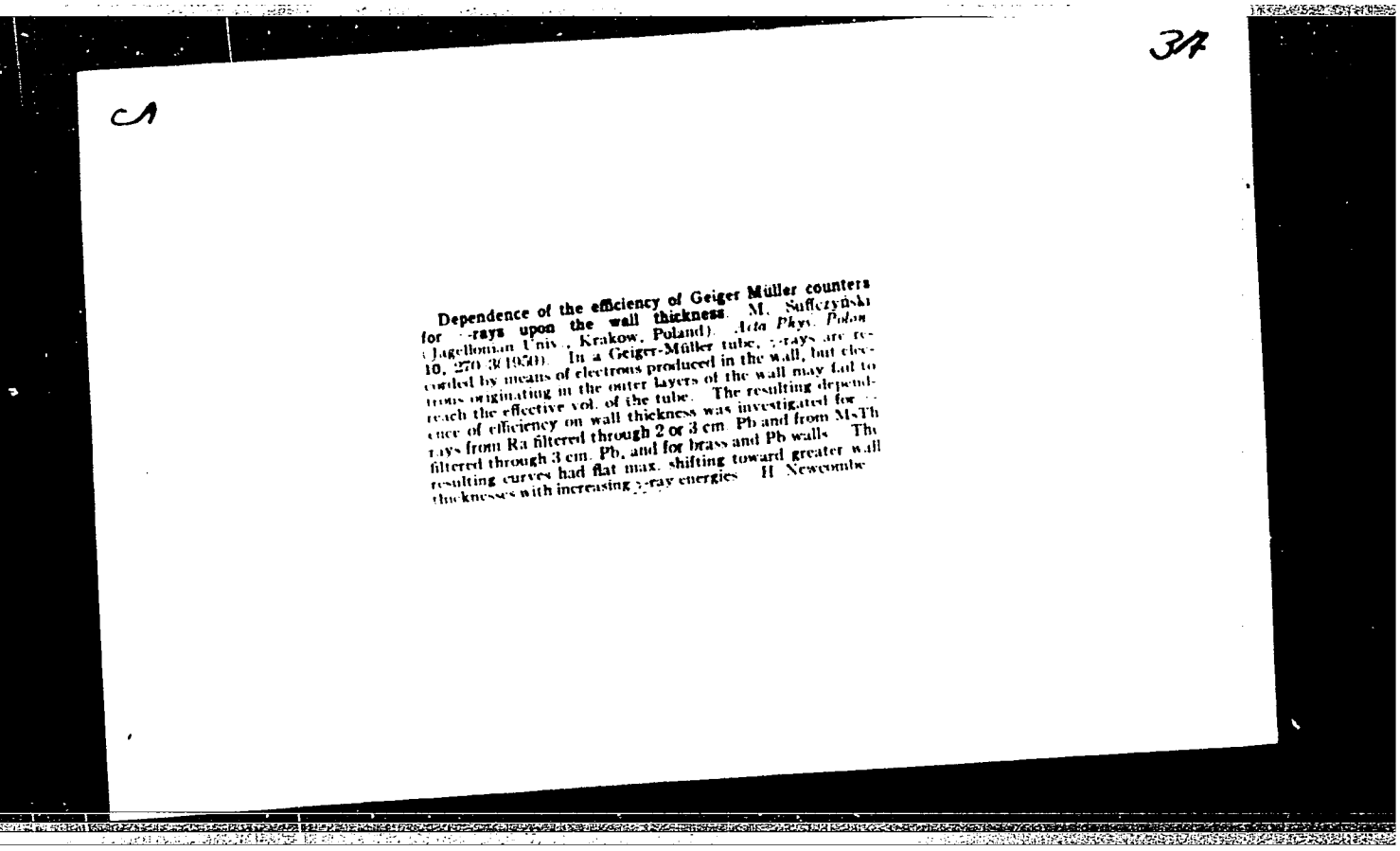

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C1

Dependence of the efficiency of Geiger Müller counters for -rays upon the wall thickness. M. Sufczyński (Jagellonian Univ., Krakow, Poland). *Acta Phys. Polon.* 10, 270-3(1950). In a Geiger-Müller tube, -rays are recorded by means of electrons produced in the wall, but electrons originating in the outer layers of the wall may fail to reach the effective vol. of the tube. The resulting dependence of efficiency on wall thickness was investigated for - rays from Ra filtered through 2 or 3 cm. Pb and from MsTh filtered through 3 cm. Pb, and for brass and Pb walls. The resulting curves had flat max. shifting toward greater wall thicknesses with increasing -ray energies. H. Newcombe

Suffczynski, Maciej

Poland/Theoretical Physics - Quantum Electrodynamics B-5

Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33766

Author : Suffczynski, Maciej

Institution : University of Warsaw, Warsaw, PNR

Title : On Electrodynamics Without Potentials

Original Periodical : Acta Phys. Polon., 1953, 12, No 2, 83-86, English; Russian resume

Abstract : A Hamiltonian formalism is constructed for the new Dirac electrodynamics in which however the variables are taken to be not the potentials but the field intensities $f_{\alpha\beta} = -f_{\beta\alpha}$. The expression for the Lagrangian density is taken here the same as in the work by Infeld and Plebanski (abstract 33764), but with the opposite sign. The canonically conjugate momenta $p^{\alpha\beta}$ are introduced and the Hamiltonian is constructed. It is shown that the Hamiltonian can be expressed only in terms of 6 independent quantities f_{m0} and p^{m0} (m, n = 1, 2, 3). If we introduce

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Abst Journal : Referat Zhur - Fizika, No 12, 1956, 33766

instead the quantities $A^n = - p^{n0}$, $B_n = f_{n0}$, and $F_{rs} \equiv A_{s,r} - A_{r,s}$, the expression for the Hamiltonian agrees with the expression given by Dirac in his new electrodynamics.

SUFFCZYNSKI, MACIEJ

Category : POLAND/Solid State Physics - Solid state theory. Geometric crystallography E-2

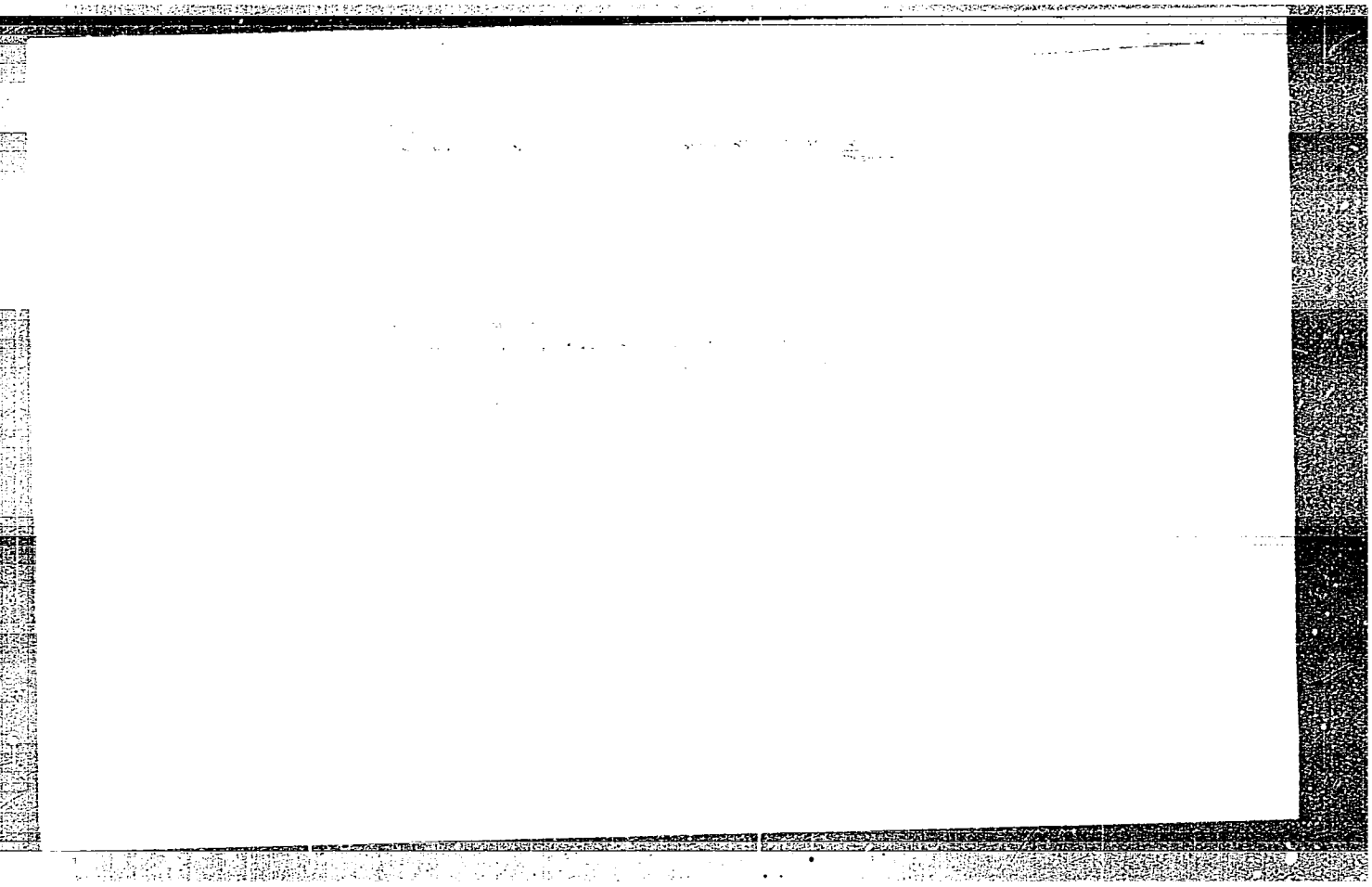
Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1039

Author : Suffczynski, Maciej
Title : New Methods in the Theory of Solids

Orig Pub : Postepy fiz., 1954, 5, No 2, 121-132

Abstract : Survey. Bibliography, 18 titles

Card : 1/1



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