Machine tool novelties at the 23rd International Fair...

matic with five cross slides and three turrethead spindles; Model MS-FY 41 vertical milling automatic with program control for machining components of intricate shape. This automatic machine tool operates according to a program recorded on a magnetic tape. The high machining accuracy of this machine is achieved by means of non-tolerance screws for the displacement of slides, table and tool head. Also the Soviet models 5232 and 525-V semi-automatic gear milling machines were noted; moreover, machine tools of firms of the Federal German Republic for the machining of bevel gears with helical teeth were exhibited, as well as machine tools for the lapping of bevel gears, and an automated hydraulic machine for the hardening of gear teeth ensuring optimum operation conditions without deformation of the teeth. Special machine tools for the repair and reconditioning of worn machine parts were shown at the Fair. There are 12 figures.

B. Khizh

[Abstracter's note: Complete translation]

Card 2/2

S/275/63/000/002/019/032
D405/D301

AUTHOR: Baranek, A.

TITLE: Devices for ultrasonic cleaning

PERIODICAL: Referativnyy zhurnal, Elektronika i eye primeneniye, no. 2, 1963, 17, abstract 2V103 (Przegl. kolejowy mechan., v. 13, no. 8, 1961, 227-230 (Polish))

TEXT: General details are given on the ultrasonic-cleaning process. The possibility is indicated for simultaneously scrubbing both sides of sheets (pipes) by exciting in them resonance ultrasonic vibrations of high intensity. The dependence of the amplitude of ultrasonic vibrations of a sheet on the angle of irradiation is plotted. A method is described for scrubbing orifices and hollows in components, with rotation of the latter (2-3 rev/min) about an axis normal to the direction of propagation of the ultrasound; this permits obtaining the most convenient angle of irradiation. A setup is shown schematically, designed for the scrubbing of mounted ball and needle bearings, of brake components, of electrical equipment,

Card 1/3

Devices for ultrasonic cleaning ...

of components with small holes and channels, of carburetors and pipelines of internal-combustion engines, etc. The setup consists of a 5-kw generator (of 22-25 kc frequency) and of a washing bath. The generator is fixed under the bottom of the bath. The bath is equipped with two actuating screws along which the basket with the components to be scrubbed moves; the basket rotates at the same time in the working liquid. The latter flows successively through a vessel with trichloroethylene, a precipitator, a centrifugal pump and a filter. The optimal temperature of the working liquid is provided by a heater which is thermostatically controlled. On leaving the zone of vibration, the basket with the component is additionally washed by the filtered working liquid. The last stage of drying the component and of removing the grease is described in detail. The parts thus cleaned are prepared for subsequent galvanization, metallization etc. The upper part of the bath is equipped with cooling pipes for condensing the trichloroethylene vapor and for its re-use. The setup is equipped with a control panel. An automatic device for ultrasonic scrubbing is shown schematically. Photographs are shown of the external view of setups for ultrasonic

S/275/63/000/002/019/032
D405/D301

Devices for ultrasonic cleaning

scrubbing of the following components: internal pipe-walls (in particular pipes of force-pumps for internal combustion engines operating at high pressure); carburetors for same engines; mounted ball and needle bearings; electrical counters; brake components. 12 figures.
[Abstracter's note: Complete translation]

Card 3/3

BARANEK, A.

Technical conditions for quiet running passenger cars. Przegl kolej mechan 11 no.12:289-293 D '64.

1. Central Designing Office, Poznan.

BARANEK, J.; DYTRYCH, Z.

Against the revision of science. Cesk. psychiat. 55 no.1:1-3 Feb 59.

1. Katedra dialektickeho a historickeho materialismu filosoficko-historicke fakulty KU v Praze.
(SCIENCE
revision of science (Cz))

BARANEK, J., inz.

Sturovo, the railroad transfer station of the Czechoslovak and Hungarian railroads. Zel dop tech 11 no.9:270-271 '63.

BARANEK, Jan, inz.

The Bratislava railway junction. Zel dop tech 10 no.8:242-243 '62.

L 18509-66 EWP(t) JD

ACC NR: AP6010256 SOURCE CODE: CZ/0034/65/000/003/0207/0209

AUTHOR: Moucka, Milan (Engineer; Candidate of sciences); Baranek, Jiri (Engineer); Klika, Otta

ORG: Research and Materials Testing Institute, NHKG, Ostrava - Kuncice (Vyzkumny a zkusebni ustav NHKG)

TITLE: Determination of the basicity of steel slag, and of FeO content by measuring the heat of reaction

SOURCE: Hutnicke listy, no. 3, 1965, 207-209

TOPIC TAGS: steel, slag, heat of reaction, iron compound, thermistor

ABSTRACT: The importance of the slag composition is discussed. The speed of the determination is important for production control. Authors' method for fast analysis based on the heat of reaction is described. The method uses a thermistor recorder; the apparatus designed for the method, and the method of operating it are described. The calibration curve for the determination of basicity is discussed; accuracy is about 1.5%. The ferrous compounds are oxidized to ferric by hydrogen peroxide or dichromate. Best results were obtained with a 30% solution of the peroxide. As the method gives 5 - 15% lower results, preparation of a correction table is described. The total time of analysis is only 2-3 minutes. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1

MOUCKA, Milan, inz.; BARANEK, Jiri, inz.

X-ray spectrum analysis of metallurgic powder materials. Pt. 3. Hut listy 18 no. 12:885-887 D '63.

1. Vyzkumny ustav, Nova hut Klementa Gottwalsa, Ostrava-Kuncice.

BARANENKO, A. A.: Master Med Sci (diss) -- "The role of bronchography and tomography in the diagnosis of silicosis". Khar'kov, 1958. 12 pp (Khar'kov Med Inst), 200 copies (KL, No 6, 1959, 142)

SERENKO, A.S., STANISLAVSKIY, Ya.M., KHAZAN, G.L., KHIZHNYAKOVA, L.N., OSETINSKIY, T.G., PROTSENKO, G.A., BARANENKO, A.A., MARCHENKO, N.I. KOTSYUBENKO, V.K., NESTRUGINA, Z.F., NERUBENKO, A.B., PYKHTINA, O.N. KRYLOVA, V.K., KOCHKINA, V.N. (Khar'kov).

Hygienic working conditions and the development of pneymoconiosis among workers in iron ore sintering plants. Gig.truda i prof.zab. 2 no.2:17-20 Mr-Ap'58. (MIRA 11:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda i profzabolevaniy.
(LUNGS--DUST DISEASES)
(IRON AND STEEL WORKERS--DISEASES AND HYGIENE)

STANISLAVSKIY, Ya.M., starshiy nauchnyy sotrudnik; BARANENKO, A.A.; NESTRUGINA, Z.F.; KAZINSKAYA, L.N. (Khar'kov)

Pneumoconiosis in foundry workers. Vrach.delo no.7:725-727 Jl '59. (MIRA 12:12)

1. Klinika Ukrainskogo nauchno-issledovatel'skogo instituta gigiyeny truda i professional'nykh zabolevaniy (nauchnyy rukovoditel' - prof. S.D. Reyzel'man).

(LUNGS--DUST DISEASES) (FOUNDING--HYGIENIC ASPECTS)

BURLACHENKO, G.A., prof.; BARANENKO, A.A.

Work of the Kharkov Province Scientific Society of Roentgenologists and Radiologists for 1960-1962. Vestn. rentgen. i radiol. 38 no.4:86 Jl-Ag'63 (MIRA 17:2)

BARANENKO, G.S., dots.

Graphical methods in calculating the strength of machinery joints. Sud.sil.ust. no.1:101-107 '61. (MIRA 15:7)

1. Odesskoye vyssheye inzhenernoye morskoye uchilishche.
(Marine engineering)

BARANENKO, I.

Women's councils in industrial enterprises and on collective farms.
Sov.profsoiuzy 6 no. 11:61-62 S '58. (MIRA 11:10)

1. Sekretar' oblastnogo soveta profsoyuzov.
(Works councils)
(Women--Employment)

GLADUNCHIK, A.(Belgorod);KASHINTSEV,B.(Blagoveshchensk);BARANENKO,I.(g.Stalino)

First steps of new councils. NTO no.3:41 Mr '59.
(MIRA 12:6)

1. Predsedatel' oblastnogo soveta nauchno-tekhnicheskikh obshchestv(for Gladunchik). 2. Chlen Amurskogo oblastnogo soveta nauchno-tekhnicheskikh obshchestv (for Kashintsev). 3. Chlen oblastnogo soveta nauchno-tekhnicheskikh obshchestv (for Baranenko).
(Technical societies)

BARANENKO, I.

Labor productivity is growing. Sov.profsoiuzy 7 no.9:48 My '59. (MIRA 12:8)

1. Sekretar' Stalinskogo oblsovprofa.
(Stalin Province--Labor productivity)

DYADYK, I.; BARANENKO, I.

For the shortest workday in the world. Sov.profsoiuzy 16 no.10:24-27 My '60. (MIRA 13:6)

1. Predsedatel' Stalinskogo soveta narodnogo khozyaystva (for Dyadyk). 2. Sekretar' Stalinskogo oblastnogo soveta profsoyuzov (for Baranenko).
(Stalino Province--Hours of labor)

L 22720-66 EWT(d)/T/EWP(1) IJP(c) BB/GG

ACC NR: AP6002943 (A) SOURCE CODE: UR/0286/65/000/024/0106/0107

AUTHORS: Baranenko, P. M.; Petrov, G. A.; Vasil'yev, V. I.

37
B

ORG: none

TITLE: Key-actuated device for setting and automatic decoding of information. Class 42, No. 177173

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 106-107

TOPIC TAGS: information processing, punched paper tape, punched card/ ALGOL-60

ABSTRACT: This Author Certificate presents a key-actuated device for setting and automatic decoding of information written in symbols of the algorithmic language ALGOL-60. The device contains a key field, a coder, a memory unit, and a control unit. To use the device with any punch and to eliminate subjective operator errors, the device contains a mode setting unit and dump of the memory, control and blocking registers (see Fig. 1). The mode setting unit is connected to the register dump units and the blocking unit. The register dump unit is also connected to the control unit, and the blocking unit is connected to a distributor. The outputs of the register dump unit are connected to the inputs of the memory register dump. The output of the blocking unit is connected to the input of the control unit, and the outputs of the distributor are connected to the corresponding register inputs.

Card 1/2 UDC: 681.142

L 22720-66

ACC NR: AP6002943

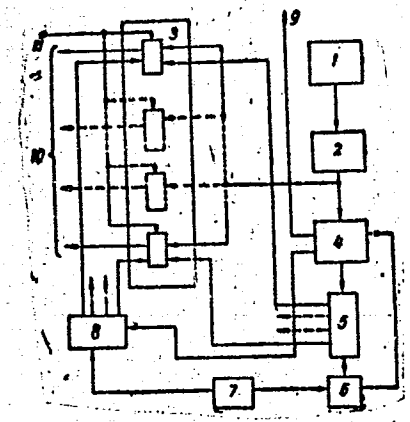

Fig. 1. 1 - key field; 2 - coder; 3 - memory unit; 4 - control unit; 5 - distributor; 6 - blocking unit; 7 - mode setting unit; 8 - register dump unit of memory unit; 9 - control unit output for blocking punch; 10 - outputs from registers to distributor; 11 - input from punch for register dump.

Orig. art. has: 1 diagram.

SUB CODE: 09/ SUBM DATE: 05Oct64

Card 2/2 UDC

S/196/62/000/014/031/046
E194/E155

AUTHOR: Baranenko, S.Ye.

TITLE: Modern methods of chemical analysis and determination of the calorific value of natural gas

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.14, 1962, 8, abstract 14 G 46. (Tr. Gos. Vses. in-t po proyektir. i nauchno-issled. rabotam Yuzhgiprotsement, no.2, 1961, 109-123)

TEXT: The cement industry is a large consumer of natural gas, using 1.5 milliard (i.e. billion) cubic metres in 1958. In 1965 the consumption should increase to 11, and in 1970 to about 18 milliard (billion) cubic metres. By 1965 this will be 77%, and by 1970 91%, of all the fuel consumed by the cement industry. It is necessary to analyse natural gas and to determine its calorific value. In some cases diurnal variations in calorific value reached ± 200 kilocalories/m^3 (at n.t.p.). Various types of gas calorimeter are considered. In the thermal laboratories of Yuzhgiprotsement, natural gas is burned in a self-sealing

Card 1/2

calorimeter bomb type СКБ -52 (SKB-52), produced by 'Fizpribor' works no.2 in Kirov, and the calorific value is determined to an accuracy of 20 kcal/m^3 (at n.t.p.). Widespread introduction of this calorimeter is recommended. Gas analyser type ВТИ -2 (VTI-2) manufactured by the 'Laborpribor' Works in Kline is recommended for composition analysis. For routine analysis of Shebelinsk and other natural gases, the Gazoanaliticheskaya laboratoriya Ukrainskogo filiala VNIIGAZ (Gas Analysis Laboratory of the Ukrainian Branch of VNIIGAZ) recommends a somewhat modified design of laboratory chromatograph type ХЛ -2М (KhL-2M) developed by the Vsesoyuznyy nauchno-issledovatel'skiy institut (All-Union Scien t ific Research Institute) po pererabotke nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva (for Oil and Gas Refining and Production of Synthetic Liquid Fuel) (VNIINP). 19 references.

[Abstractor's note: Complete translation.]

Card 2/2

BARANENKO, S.Ye.

Quantitative determination of free sulfuric acid in aluminum sulfate and aluminum potassium alums. Zav.lab. 28 no.4:414 '62. (MIRA 15:5)

1. Khar'kovskiy zavod zubovrachebnykh materialov i Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnykh gazov.
(Sulfuric acid)
(Aluminum potassium sulfate)

LE, B.; URMANCHEYEV, F.A.; BARANENKO, S.Ye.; NOVIKOVA, Ye.F.; BUKHARAYEVA, R.G.; LAMANOVA, I.A.; KURZHUNOVA, Z.D.

Determination of the individual hydrocarbon composition of gas condensate fields of the Ukrainian SSR. Report No.1: Averaged gas-condensate of the Shebelinka field. Izv. AN SSSR Ser.khim. no.10: 1809-1816 O '63. (MIRA 17:3)

1. Institut organicheskoy khimii AN SSSR, Kazan' i Vsesoyuznyy nauchno-issledovatel'skiy institut gaza, Khar'kov.

L 25791-65

ACCESSION NR: AR4040349 S/0081/64/000/006/G023/G023

SOURCE: Ref. zh. Khimiya, Abs. 6G134

AUTHOR: Barsenko, S. Ye.; Krivosheyeva, V. I.

TITLE: Trilonometric (complexometric) method for the quantitative determination of hydrogen sulfide in natural, casinghead and other gases

CITED SOURCE: Sb. Vopr. razvitiya gaz. prom-sti USSR. Kiyev, 1963, 300-303

TOPIC TAGS: hydrogen sulfide, hydrogen sulfide determination, gas analysis, natural gas, casinghead gas, complexometric titration, cadmium acetate, cadmium

TRANSLATION: A method was developed for determining H_2S [illegible] its precipitation with a solution of cadmium acetate and [illegible] titration of the excess Cd using acid chrome dark-blue in an ammonia [illegible] absorption vessel is suggested (to replace the Drexel flask) [illegible] the absorption of H_2S and the titration of excess Cd^{++} (an illustration is enclosed). In order to determine H_2S, the gas to be analyzed is passed through

Card 1/2

L 25791-65

ACCESSION NR: AR4040349

successive absorption vessels, each containing 50 ml of cadmium acetate solution (10 g $Cd(CH_3COO)_2$ and 1 ml CH_3COOH per liter), at a rate of [illegible] (depending on the H_2S concentration), measuring the amount [illegible] buffer solution [illegible] of acid chrome dark-blue [illegible] buffer solution and diluted with ethan[illegible] vessel (H_2S usually does not [illegible] water as a control) and the contents ar[illegible] until the color changes from [illegible] of cadmium acetate sol[illegible] analogous way, 15 run in parallel. The time required for [illegible] H_2S is 37 minutes. The results of the iodometric and complexonometric [illegible] were in good agreement. B. Manole

Card 2/2

BARANENKO, S.Ye.

UG-1 hydraulic inclinometer. Neft. i gaz.prom. no.1:66-67 Ja-Mr '65. (MIRA 18:8)

BARANENKO, V.A. (Dnepropetrovsk); KATAGAROV, F.K. (Dnepropetrovsk)

Observation of Lyrids in Dnepropetrovsk in 1960. Astron.tsir. no.213:26-28 Jl '60. (MIRA 14:1)
(Meteors--April)

BARANENKO, V.A. (Dnepropetrovsk); KATAGAROV, F.K. (Dnepropetrovsk)

Observations of a fireball in Dnepropetrovsk. Astron.tsir. no.213: 28 Jl '60. (MIRA 14:1)

(Meteors—May)

BARANENKO, V.A.; KATAGAROV, F.K.

Observations of lunar occultations of stars in Dnepropetrovsk.
Astron.tsir. no.213:28-29 Jl '60. (MIRA 14:1)

1. Vizual'no-opticheskaya stantsiya, Dnepropetrovsk.
(Occultations)

BARANENKO, V.A.; BOGUDLOV, A.M.; KATAGAROV, F.K.; NOSENKO, Yu.A.

Observations of fireballs in Dnepropetrovsk. Astron.tsir. no.218:16-17 F '61. (MIRA 14:7)

1. Dnepropetrovskaya vizual'no-opticheskaya stantsiya. (Meteors)

BARANENKO, V.A.; KATAGAROV, F.K.

Observations of lunar occultations of stars. Astron.tsir. no.222:30-31 My '61. (MIRA 15:4)

1. Dnepropetrovskaya zivual'no-opticheskaya stantsiya. (Occultations)

BARANENKO, V.A.; KATAGAROV, F.K.

Observations of lunar occultations of stars in Dnepropetrovsk.
Astron.tsir. no.224:34-35 Ag '61. (MIRA 16:1)

L. Dnepropetrovskaya vizual'no-opticheskaya stantsiya.
(Occultations)

BARANENKO, V.A.

Observation of the partial lunar eclipse of August 26, 1961. Astron.tsir. no.231:14-15 N '62. (MIRA 16:4)

1. Dnepropetrovskiy gosudarstvennyy universitet, stantsiya Iskusstvennykh sputnikov Zemli.

(Eclipses, Lunar—1961)

BABANENKO, V.A.; DEMIDOVA, N.Ye.; CHIKARENKO, A.L.

Observations of lunar occulations of Uranus and stars in Dnepropetrovsk. Astron.tsir. no.231:27-28 N '62. (MIRA 16:4)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Occulations)

BARANENKO, V.A.; KATAGAROV, F.K.

Observations of Jupiter in 1960. Biul. VAGO no.31:44-50 '62.
(MIRA 16:4)

1. Khar'kovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Jupiter)

BARANENKO, V.A.; DEMIDOVA, N.Ye.; CHIKARENKO, A.L.

Observations of lunar occultations of stars in Dnepropetrovsk. Bitl. Inst.teor.astron. 9 no.8:581-582 '64.

(MIRA 17:12)

1. Dnepropetrovskiy universitet.

BARANENKO, V.A.

Jupiter in the autumn of 1962. Biul. VAGO no.35:40-43 '64. (MIRA 18:4)

1. Khar'kovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

ZAYTSEV, I.L.; BARANENKOV, G.S., redaktor; KAVERIN, E.A., redaktor; GORYACHAYA, N.M., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 356 p. [Microfilm] (MLRA 8:3)
(Geometry, Analytic) (Calculus, Differential)
(Calculus, Integral)

SAVCHUK, Petr Mironovich; BARANENKOV, G.S., redaktor; RAZUMOVSKAYA, A.P., redaktor; GAVRILOV, S.S., tekhnicheskiy redaktor

[A collection of problems in higher mathematics for technical schools] Sbornik zadach po vysshei matematike dlia tekhnikumov. Pod red. G.S. Baranenkova. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 132 p. (Mathematics--Problems, exercises, etc.) (MLRA 9:12)

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., redaktor; KAVERIN, N.A., redaktor; GORYACHAYA, M.M., redaktor; TUMARKINA, N.A., tekhnicheskiy redaktor

[A course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S.Baranenkova. Izd. 2-oe, ispr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1956. 340 p.
(Mathematics) (MLRA 9:8)

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; UGAROVA, N.A., red.; AKHLAMOV, S.N., tekhn. red.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Pod red. G.S. Baranenkova. Izd. 3., perer. Moskva, Gos. izd-vo fiziko-matematicheskoi lit-ry, 1958. 372 p. (MIRA 11:10)

(Mathematics)

16(1) PHASE I BOOK EXPLOITATION SOV/2061

Baranenkov, G. S., Boris Pavlovich Demidovich, V. A. Yefimenko, S. M. Kogan, G. L. Lunts, Ye. F. Porshneva, Ye. P. Sycheva, S. V. Frolov, R. Ya. Shostak, and A. R. Yanpol'skiy

Zadachi i uprazhneniya po matematicheskomu analizu dlya vtuzov (Problems and Exercises in Mathematical Analysis for Vtuzes) Moscow, Fizmatgiz, 1959. 472 p. 40,000 copies printed.

Ed. (Title page): Boris Pavlovich Demidovich; Tech. Ed.: K. F. Brudno; Ed. (Inside book): N. A. Ugarova.

PURPOSE: This book is approved by the USSR Ministry of Higher Education as a textbook for students of vtuzes, especially correspondence students and evening students specializing in mechanical engineering. It may also be used for independent study.

Card 1/10

COVERAGE: The book is a collection of 3193 problems on higher mathematics (excluding analytic geometry) arranged in systematic order for vtuzes. At the beginning of each chapter a short theoretical introduction, necessary formulas, and solutions of more important typical problems are given. Answers are given for all problems, and for the more complicated ones hints and drawings are provided, making the book more useful to correspondence students. The authors give special attention to the more important parts of the subject, such as, calculation of limits, differentiation and integration technique, construction of graphs, application of differential and integral calculus, series, and solution of differential equations. Chapters covering these subjects, therefore contain more problems than the others. The authors thank Docent S. N. Kuz'min, Docent Ye.A. Lubny-Gertsyk, instructors N. V. Sakharov, G. V. Tolstova, and L. Z. Yudelevich, Professor A. P. Yushkevich, Docent I. N. Bronshteyn, Ye. A. Soboleva, the Moskovskiy energeticheskiy institut (Moscow Institute of Energetics) Vsesoyuznyy zaochnyy inzhenerno-stroitel'nyy insitut (All-Union Civil Engineering Correspondence Institute), Docent R. S. Guter, and N. A. Ugarova, editor of Fizmatgiz, for help in preparing the book. There are no references.

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000103430002-8"

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AVAILABLE: Library of Congress

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LK/lsb
8-26-59

BARANENKOV, G.S.; DEMIDOVICH, B.P.; YEFIMENKO, V.A.; KOGAN, S.M.; LUNTS, G.L.; PORSHNEVA, Ye.F.; SYCHEVA, Ye.P.; FROLOV, S.V.; SHOSTAK, R.Ya.; YANPOL'SKIY, A.R.; UGAROVA, N.A., red.; SMOLYANSKIY, M.L., red.; BRUDNO, K.F., tekhn. red.

[Problems and exercises in mathematical analysis for shools of higher education] Zadachi i uprachneniia po matematicheskomu analizu dlia vtuzov. Izd.2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 472 p. (MIRA 14:8)
(Mathematical analysis—Problems, exercises, etc.)

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; KOPYLOVA, A.N., red.; AKSEL'ROD, I.Sh., tekhn. red.

[Course in higher mathematics for technical schools] Kurs vysshei matematiki dlia tekhnikumov. Izd.5. Moskva, Fizmatgiz, 1962. 416 p. (MIRA 16:8)
(Mathematics)

BARANENKOV, G.S.; DEMIDOVICH, B.P.; YEFIMENKO, V.A.; KOGAN, S.M.; LUNTS, G.L.; PORSHNEVA, Ye.F.; SYCHEVA, Ye.P.; FROLOV, S.V.; SHOSTAK, R.Ya.; YANPOL'SKIY, A.R.; BAYEVA, A.P., red.; BRUDNO, K.F., tekhn. red.

[Problems and exercises in mathematical analysis] Zadachi i uprazhneniia po matematicheskomu analizu dlia vtuzov. Pod red. B.P.Demidovicha. Izd.4., ispr. Moskva, Fitmazgiz, 1963 472 p. (MIRA 16:10)

(Mathematical analysis—Problems, exercises, etc.)

ZAYTSEV, Ivan Lazarevich; BARANENKOV, G.S., red.; BAYEVA, A.P., red.

[Elements of higher mathematics for technical schools] Elementy vysshei matematiki dlia tekhnikumov. Izd.7., perer. Moskva, Nauka, 1964. 422 p. (MIRA 17:10)

POLYAKOV, A.A., prof.; BARANENKOV, M.A., aspirant

Measures of veterinary hygiene against listerellosis.
Veterinariia 40 no.6:70-73 Je '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

BARANENKOV, M.A., kand.veterin.nauk

Disinfection of horse skins during listeriosis. Veterinariia 41 no.3:92-94 Mr '65. (MIRA 18:4)

1. Grodnenskiy sel'skokhozyaystvennyy institut.

BARANENKOVA, A.S.

USSR/ Biology - Ichthyology

Card 1/1 Pub. 86 - 33/38

Authors : Baranenkova, A. S., Cand. Biol. Sc.

Title : Habitat of the Paralepis

Periodical : Priroda 44/7, 118 - 119, Jul 1955

Abstract : An account is given of catching, in the Barents sea, several specimens of a fish known under the Latin scientific name of Paralepis rissoi kröyeri, which was previously not known to inhabit such northerly waters. Some facts are also presented as to the nature of food sources of this fish. Illustration.

Institution : .....

Submitted : .....

BARANENKOVA, A.S.; KHOKHLINA, N.S.; YUDANOV, I.G.

Distribution of larvae of the sea-perch of the genus Sebastes in the Norwegian Sea. Dokl. AN SSSR 111 no.2:489-490 N '56.
(MLRA 10:1)

1. Polyarnyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii. Predstavleno akademikom Ye.N. Pavlovskim.
(Norwegian Sea--Perch)

BARANENKOVA, A. S. (Mrs.)

"Some Information on the Distribution of Sebastes,"

paper presented at the 45th meeting of the Intl. Council for the Exploration of the Sea, Bergen, Norway, 30Sept to 8 Oct 57.

Trans - A-3,098,403, 12 Feb 58

BARANENKOVA, A.S.

BARANENKOVA, A.S.

[redacted]

Preliminary data on the count of young codfishes (Gadus morhua morhua and Gadus aeglefinus) in the Barents Sea. Trudy Murm. biol. sta. 3: 148-158 '57. (MIRA 11:2)

(Barents Sea--Codfish)

BARANENKOVA, A.S.

PA - 3379

AUTHOR BARANENKOVA A.S.

TITLE Data on the Distribution of Sea Perches of the Genus Sebastes. (Materialy k raspredeleniyu morskikh okuney roda Sebastes).

PERIODICAL Doklady Akademii Nauk SSS,Vol 113,Nr 2,pp 468-471 (U.S.S.R.)
Received 6/1957 Reviewed 8/1957

ABSTRACT In 1956 in spring the Polar Scientific and Research Institute for Marine Fish Economy and Oceanography in Murmansk (PINRO - Polayrnyy naucnno-issledovatel'skiy institut morskogo rybnogo khozyaysta i okeanografii) carried out a series of investigations on the trawler "Rossiya" in the western part of the Barents Sea and in the eastern part of the Norwegian Sea between the Bear Island and the Lofoten.Special attention was paid to the fishing area of Koptyov, namely in that part where in April-May the sea-perch Sebastes marinus ("perch with beak" of fishermen) flocks together in great number. By these investigations new particulars on the distribution of profitable and nonprofitable fishes were acquired. Apart from the specimens common in the northeast of the Atlantic- Sebastes marinus marinus ,S.marinus mentella and S.viviparus speciemens of a sea-perch which varied from the mentioned forms were caught in the area of the Malang Bank on the northwest coast of Norwey.On their lower jaw they had a humpy bone appendix, smaller than in the case of S.m.mentella though more distinctly developed than in the case of S.m.marinus. Externally they were similar to the latter form. They were found only once more in the Barents-Sea. In charts and schedules this form is denoted as S/.sp. The distribution of sea-perch in the different seasons is not the same. The cha

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Card 1/2

BARANENKOVA, A.S.; BARSUKOV, V.V.; PONOMARENKO, I.Ya.; SYSOYEVA, T.K.; KHOKHLINA, N.S.

Morphological characteristics, distribution, and feeding of young wolf fishes (Anarchichas lupus L., A.minor Olafsen, A.latifrons Steenstrup et Hallgrimsson) in the Barents Sea. Zool. zhur. 39 no.8:1186-1200 Ag '60. (MIRA 13:8)

1. Polar Institute of Marine Fisheries and Oceanography, Murmansk, and Zoological Institute of the U.S.S.R. Academy of Sciences, Leningrad.
(Barents Sea--Wolf fish)

BARANENKOVA, A.S.; PONOMARENKO, V.P.; SEREBRYAKOV, V.P.

The skate Raja spinicauda Jensen in the Barents Sea. Vop. ikht. 2 no.1:18-24 '62. (MIRA 15:3)

1. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanografii (PINRO), Murmansk.
(BARENTS SEA—SKATES (FISHES))

MUROMOVA, R.S.; AFANAS'YEVA, I.N.; Prinimala uchastiye: BARANKOVA, L.M.

Polyamides based on amino acids of the cyclohexane series. Part 1: Polyamides based on cis- and trans-isomers of 4-aminocyclohexylacetic acid. Vysokom. soed. 5 no.10:1461-1467 O '63. (MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.

BARANENKOVA, T.G. (Moskva)

Cholesterol xanthomatous pericarditis. Arkh. pat. no.7:55-58 '64. (MIRA 18:7)

1. Laboratoriya patologii starosti (zav. - deystvitel'nyy chlen AMN SSSR prof. T.V.Davydovskiy) Instituta morfologii cheloveka (direktor - chlen-korrespondent AMN SSSR A.P.Avtsyn) AMN SSSR.

BARANESCU , G.

BARANESCU G. General method for calculation of thermodynamic parameters in processes of the flowing of gases under variable conditions. p. 7.

Vol. 5, No. 1/2, Jan./June 1955.
STUDII SI CERCETARI DE ENERGETICA.
TECHNOLOGY
Bucuresti, Romania

So: East European Accession, Vol. 5, No. 5, May 1956

BARANESCU, C.

BARANESCU, G. General definition of the concept of a molecule. p. 227

Vol. 5, No. 1/2, Jan./June 1955
STUDII SI CERCETARI DE ENERGETICA
Bucuresti, Rumania

So: East European Accession, Vol. 5, No. 5, May 1956

BARANESCU, G.

Extension of the validity of the equation $pV^{\varkappa}$ =const. p. 331. STUDII SI CERCETARI DE ENERGETICA. Bucuresti.
Vo. 5, no. 3/4, July/ Dec. 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

BARANESCU, G.

Determination of optimum moments for control of valves of internal-combustion engines. p. 381. STUDII SI CERCETARI DE ENERGETICA. Bucuresti. Vol. 5, no. 3/4, July/Dec. 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

BARANESCU, C.

Computation of the real cycle four-stroke engines with compression ignition and direct injection. In English. p.307.

REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. JOURNAL OF ELECTROTECHNICS AND ENERGETICS. (Academia Republicii Populare Romine. Institutul de Energetica) Bucuresti, Rumania
Vol. 3, no. 2, 1958.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11 November 1959
Uncl.

BARANESCU, G.

A method of simplifying the computation of combustion under variable working conditions. p. 309.

Academia Republicii Populare Romine. Institutul de Energetica. STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania. Vol. 8, no. 2, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

Baranescu, G.

TECHNOLOGY

Periodical STUDII SI CERCETARI DE ENERGETICA Vol. 8.; No. 3, 1958

Baranescu, G.; Injection law in feeding systems provided with pumps driven by elastic delivering. p. 367.

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BĂTRÂNESCU, G.

The interpretation of some thermodynamic quantities. G. Bătrânescu, *Acad. rep. populare Romîne, Inst. energet., Studii cercetări energet.* 8, 503–10(1958).—The significance and method of evaluation of the internal energy and the enthalpy are discussed. The detn. of energy changes does not require a knowledge of the different forms of internal energy. However, to specify a property of state of a system, such as its temp. after a succession of changes including chem. reactions, it is necessary to know not only the total internal energy, but also its distribution. This energy can be expressed as the sum of a sensible internal energy, which is due to mol. agitation, and a chem. energy. The natural reference state for both the internal energy and the enthalpy is the temp. of abs. zero. When such data are not available, it is necessary to define these functions with respect to some conventional reference state. Relations obtained in this manner are useful only for computational purposes.

S. A. Stern

BARANESCU, G.

On the interpretation of some quantities in thermodynamics. Rev electrotechn energet 4 no.2:333-340 '59. (EEAI 10:1)
(Thermodynamics)

BARANESCU, G.

Some problems related to the utilizable energy. p. 185

STUDII SI CERCETARI DE ENERGETICA
Bucuresti, Rumania
Vol 9, no. 2, 1959

Monthly list of European Accession Index(EEAI) LC Vol. 8, No. 11
November 1959
Uncl.

BARANESCU, G.; VASILESCU, A.C.

Regulation of the combustion ending in internal-combustion engines.
Rev electrotechn energet 5 no.2:367-379 '60. (EEAI 10:5)

1. Comite de redaction, Revue d'electrotechnique et d'energetique, secretaire scientifique (for Vasilescu)
(Gas and oil engines)

BARANESCU, George

Some problems in computing the flow of the gases of variable composition under variable conditions. Studii cerc energet 11 no.2:283-290 '61.

1. Membru al Comitetului de redactie "Studii si cercetari de energetica."

S/262/62/000/022/005/007
E194/E135

AUTHOR: Bărănescu, G.

TITLE: Calculations of supercharging by a turbo-compressor for four-stroke internal combustion engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Silovyye ustanovki, no.22, 1962, 43, abstract 42.22.275. (Studii şi cercetări energ. Acad. RPR, v.11, no.3, 1961, 469-485). (Roumanian; summaries in Russian and French)

TEXT: A method is given for calculating supercharging of four-stroke internal combustion engines by a turbo-compressor. The method is valid with both variable and constant pressure in the receiver. In the calculations, account is taken of: the control of phase distribution; changes in specific heat with changes in temperature. Changes in the mixture composition resulting from mixing of air with exhaust gases and from heat exchange between gases and the cooling fluid are allowed for.

[Abstractor's note: Complete translation.]

Card 1/1

BARANESCU, George

Determining principal dimensions of a general connecting rod-crank mechanism. Studii cerc mec apl 12 no.6:1293-1303 '61.

BARANESCU, George

A generalization of the formulas of harmonic analysis for the driving moment produced by the forces of inertia and weight in the pieces of the connecting rod-crank mechanisms in internal-combustion engines. Studii cerc mec apl 13 no.5:1193-1219 '62.

BARANESCU, George

Determining the order of optimum ignition in four-stroke motors with two parallel lines of cylinders. Studii cerc mec apl 16 no.4:865-877 '64.

1. Corresponding Member of the Rumanian Academy; Polytechnic Institute, Bucharest.

BARANETS, M. I.

29162

Effektivnost' otdel'nykh priemor vegetativnogo razmnozheniya kartofelya Trudy Bashkir. nauch.- issled. Polevod. Stantsii, T. III, 1948 , (Kolon-titul: 1947), s. 346-58.- Bibliogr: 7, Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

BARANETS, N. (Feodosiya)

Repair of the power switch in the "VEF-Akkord" radio-phonograph combination. Radio no.4:44 Ap '63. (MIRA 16:3)
(Electric switchgear)

BARANETS, P.D

GORENSHTEYN, M.M., kand.tekhn.nauk; KIRILLOV, B.S., kand.tekhn.nauk; TKACHENKO, V.K., inzh.; GOLUVENKO, A.I., inzh.; POGORZHEL'SKIY, V.I., inzh.; BARANETS, P.D., inzh.; YASHCHENKO, Z.A., inzh.; FIL'CHAKOVA, V.A., inzh.

Establishing the most satisfactory conditions for rolling on blooming mills with increased load on the main driving motor. Izv. vys. ucheb. zav.; chern. met. no.3:91-101 Mr '58. (MIRA 11:5)

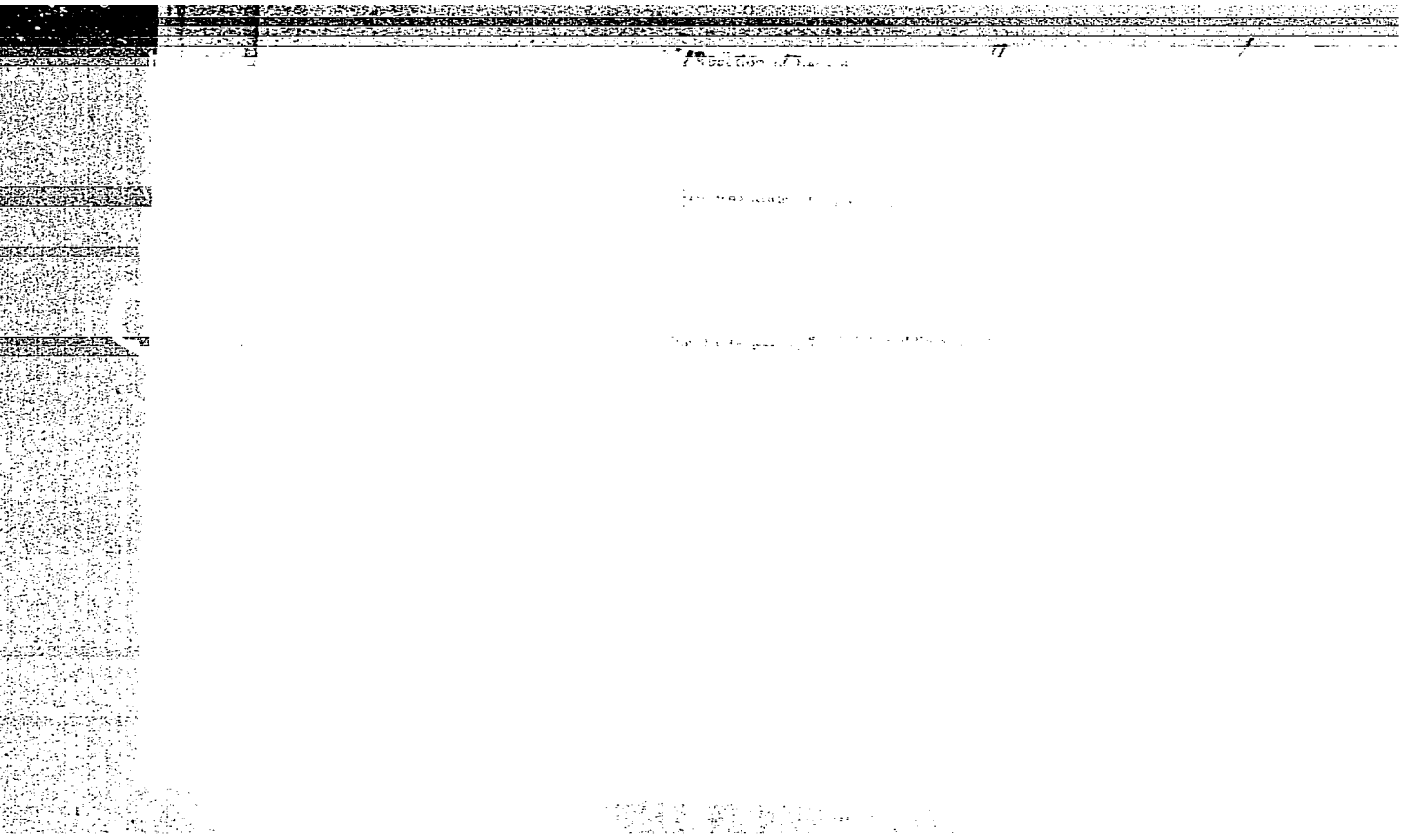
1.Zhdanovskiy metallurgicheskiy institut i zavod "Azovstal'". (Rolling mills--Electric driving)

Barenetskaya, N. K.

Exchange reactions and cleavage in the group of quaternary ammonium salts. IX. Reaction of quaternary ammonium salts with secondary and tertiary alcohols. V. N. Setkina, N. K. Baranetskaya, and D. N. Kursanov (Inst. Hetero-org. Compounds, Acad. Sci. U.S.S.R., Moscow). *Izvest. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 1955, 750–5; *Bull. Acad. Sci. U.S.S.R., Div. Chem. Sci.* 1955, 667–72(Engl. translation); cf. *C.A.* 46, 458h.—Quaternary ammonium salts contg. the $ROCH_2$ group react with secondary and tertiary alcs. with formation of formals. Thus, cyclohexyloxymethylpyridinium chloride (I) (30.64 g.) and 13.47 g. cyclohexanol after 6 hrs. at 100° gave 18 g. $(C_6H_{11}O)_2CH_2$ (II), b_{758} 279–80°, d_4^{20} 0.9718, n_D 1.470. *sec*-Octyloxymethylpyridinium chloride (IIa) and *sec*-octyl alc. gave 40% $(C_6H_{13}CHMeO)_2CH_2$ (III), b_3 152.5–5°, d_{20} 0.8419, n_D^{20} 1.4322. I and MeEtCHOH gave 24.9% $(MeEtCHO)_2CH_2$, b_{17} 60.5–60.8°, d_{20} 0.8472, n_D^{20} 1.4124, 52.9% $MeEtCHOCH_2OC_6H_{11}$, b_{21} 99.5–101°, b_{20} 0.9076, n_D^{20} 1.4402, and 22.2% II. I and iso-PrOH gave 18.4% $(iso\text{-}PrO)_2CH_2$, 52.2% *iso*-$PrOCH_2OC_6H_{11}$, b_5 70–70.5°, d_{20} 0.9089, n_D^{20} 1.4370, and 29.4% II. Isopropoxymethylpyridinium chloride and Me_3COH gave 38.4% *iso*-$PrOCH_2OCMe_3$, b_{758} 71.1–1.5°, d_{20} 0.8223, n_D^{20} 1.3930, 40.6% $(iso\text{-}PrO)_2CH_2$, and 21% $(Me_3CO)_2CH_2$, b_{74} 77–9.5°, d_{20} 0.8306, n_D^{20} 1.3982. IIa and Me_3COH in 17 hrs. at 120° gave 8.9% $(Me_3CO)_2CH_2$, 48% $Me_3COCH_2OCHMeC_6H_{13}$, b_{20} 128–9°, d_{20} 0.8351, n_D^{20} 1.4204, and 43.1% III. I and *tert*-AmOH in 16 hrs. at 110–15° gave II and $C_6H_{11}OCH_2OCMe_2Et$, b_{21} 119.5–2[illegible], d_{20} 0.9103, n_D^{20} 1.4453, in combined yield of 26[illegible] [illegible] $CHMeOCH_2Cl$ b_{11} 98–9°, d_{20} 0.0246, n_D^{20} 1.4[illegible]

G. M. Kosolapoff

Application of the Ball reaction on aromatic alcohols. I. Shigehiko Sugasawa and Kitaro Mizukami (Univ. Tokyo). *Pharm. Bull.* (Japan) 2, 341–2(1954).—Ball's method (B., et al., *C.A.* 42, 8916f) for oxidizing polyene alcs. in Et_2O with activated MnO_2 to unsatd. aldehydes was applied to aromatic alcs. with the following results (alc., reaction, temp., reaction time in hrs., and % yield and m.p. of the semicarbazone of the corresponding aldehyde given): $PhCH_2OH$, 22–35°, 2, 70, 215–16°, $3,4\text{-}CH_2O_2C_6H_3CH_2OH$, 35°, 1, 65, 177°, $2\text{-}HOC_6H_4CH_2OH$, 20°, 3, 60, 224°, furfuryl, 19–20°, 3.5, 40, 190–2°, 3-pyridyl, 21°, 1.5, 50, 213–14°, and 4-pyridyl, 35°, 3, 60, 213–15°. W. T. S.



BARANETSKAYA, N. K., Cand Chem Sci -- (diss) "On the reactions of quaternary ammonia salts with certain nucleophilic reagents." Mos, [Pub House Acad Sci USSR], 1958. 11 pp (Acad Sci USSR, Inst of Elemento-Organic Compounds), 120 copies (KL, 16-58, 116)

62-58-3-19/30

AUTHORS: Kursanov, D. N. , Baranetskaya, N. K.

TITLE: γ-Benzylpyridine-N-Cyclopentadienylide (γ-benzilpiridiniy--N-tsiklopentadiyenilid)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Khimicheskikh Nauk , 1958, Nr 3, pp. 362 - 363 (USSR)

ABSTRACT: Three representatives of a new class of bipolar compounds (which contain a negatively charged cyclopentadienyl group) were already earlier described by the authors. It was now interesting to synthesize the above-mentioned compound, where (in contrast to the ilide) the ammonia nitrogen is directly connected with the negatively charged group. On that occasion the same method was employed which Lloyd and Smizum employed in the synthesis of piperidine-cyclopentadienylide. The compound synthesized by the authors of this report possesses all properties similar to the ilides (see the diagram on absorption in the ultraviolet spectral region. There are 1 figure and 5 references, 2 of which are Soviet.

Card 1/2

62-58-3-19/30

γ-Benzylpyridine-N-Cyclopentadienylide

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR
(Institute for Elemental-organic Compounds, AS USSR)

SUBMITTED: October 12, 1957

Card 2/2

KURSANOV, D.N.; BARANETSKAYA, N.K.; PARNES, Z.N.

Reactions of cyclopentadienylides. Izv. AN SSSR. Otd. khim. nauk no. 1:140-144 Ja '61. (MIRA 14:2)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Cyclopentadiene)

KURSANOV, D.N.; BARANETSKAYA, N.K.

Structure of N-benzyl pyridinium [illegible]. Izv. AN SSSR. Otd.khim.nauk no.9:1703-1704 S '61. (MIRA 14:9)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.
(Pyridinium compounds)

PARNES, Z. N.; BARANETSKAYA, N. K.; KURSANOV, D. N.

Relation between triethyl oxonium fluoborate and hydride-ion donors. Izv. AN SSSR Otd. khim. nauk no.12:2238-2240 D '62. (MIRA 16:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

(Oxonium compounds) (Hydrides)

KURSANOV, D.N.; SETKINA, V.N.; BARANETSKAYA, N.K.; DVORYANTSEVA, G.G.; MATERIKOVA, R.B.

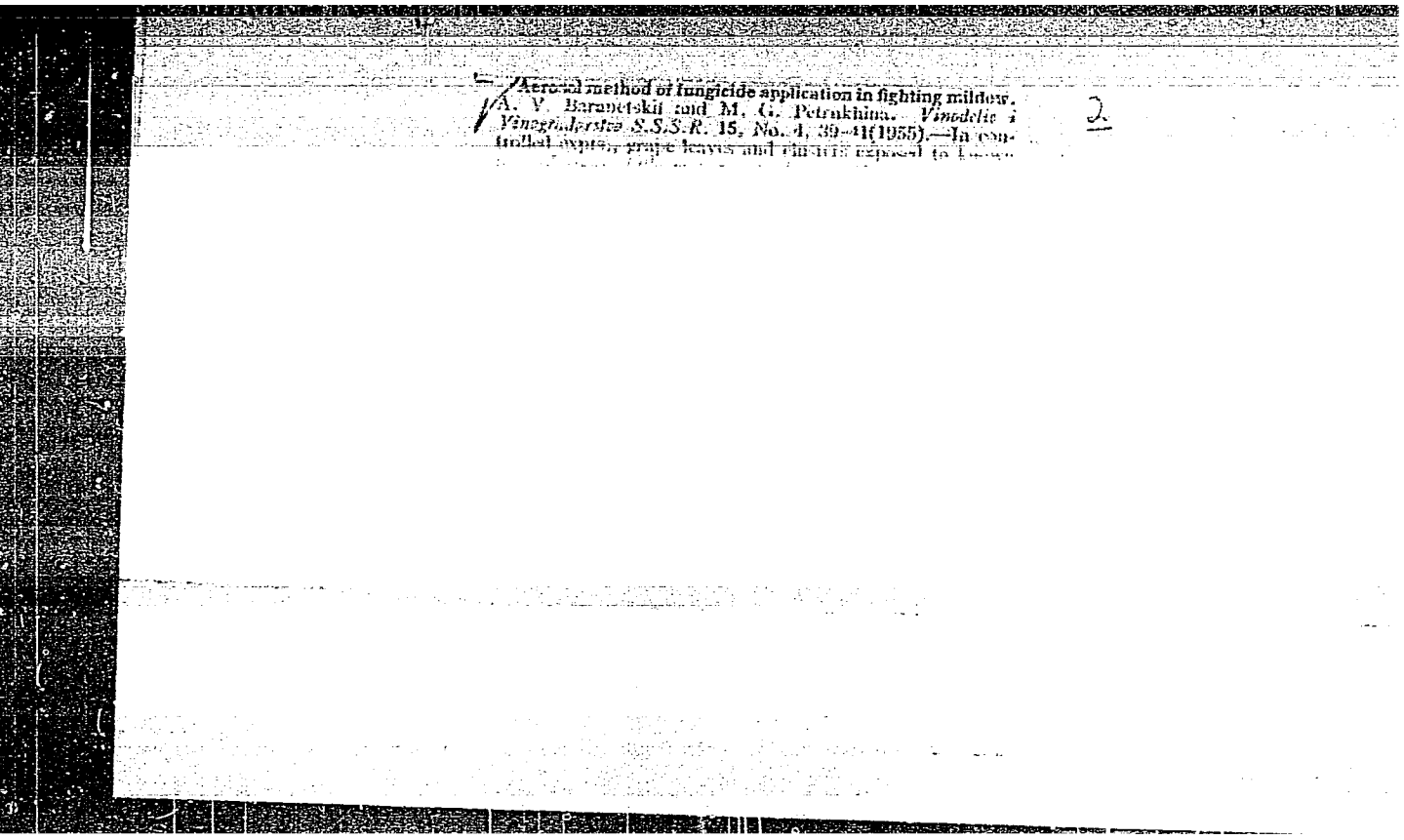
Isotopic exchange of hydrogen atoms in cyclopentadienyl rings of cobalticinium compounds. Dokl. AN SSSR 161 no.4:847-850 Ap '65. (MIRA 18:5)

1. Chlen-korrespondent AN SSSR (for Kursanov).

SETKINA, V.N.; BARANETSKAYA, N.K.; ANISIMOV, K.N.; KURSANOV, D.N.

Isotope exchange of hydrogen atoms of benzene chromium tricarbonyl. Izv. AN SSSR. Ser. khim. no.10:1873-1874 O '64. (MIRA 17:12)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.



Aerosol method of fungicide application in fighting mildew.
A. V. Baranetskii and M. G. Petrukhina. *Vinodelie i Vinogradarstvo S.S.S.R.* 15, No. 4, 39–41(1955).—In controlled expts., grape leaves and clusters exposed to [illegible]

LAZARENKO, A.S., redaktor; GZHITS'KIY, S.Z., redaktor; KIYAK, G.S., redaktor; KOZIY, G.V., doktor biologichnikh nauk, redaktor; RARANETS'KIY, S.F., kandidat s.-g. nauk, redaktor; STRAUTMAN, F.I., kandidat biol.nauk, redaktor; TATARINOV, K.A., redaktor; POLYAKOV, M.I., redaktor; RAKHLINA, N.P., tekhnicheskiy redaktor.

[Biochemistry of farm animals] Biokhimiia sil's'kohospodars'kykh tvaryn. Kyiv, 1953. 58 p. [Microfilm]. (MIRA 9:6)

1.Akademiya nauk URSR, Kiev. Institut agrobiologii.2.Chlen-korespondent AN URSR (for Lazarenko, Gzhits'kiy, Kiyak).
(Physiological chemistry) (Veterinary physiology)

BARANETS'KIY, S.F.

LAZARENKO, I.S., redaktor; GZHITS'KIY, S.Z., redaktor; KIYAK, G.S., redaktor; KOZIY, G.V., doktor biologichnikh nauk, redaktor; BARANETS'KIY, S.F., kandidat sil'sko-gospodars'kikh nauk, redaktor; STRAUTMAN, F.I., kandidat biologichnikh nauk, redaktor; TATARINOV, K.A., redaktor; MAKSIMEYKO, O.I., redaktor; RAKHLINA, N.P., tekh-redaktor.

[Studying characteristics of the use of fertilizers in the western provinces of the Ukrainian S.S.R.] Vyvchennia osoblyvostei zastosuvannia dobryv u zakhidnykh oblastiakh Ukrains'koi RSR. Kyiv, Vydvo Akademii nauk Ukrains'koi RSR, 1953. 103 p. (MLRA 8:2)

1. Chlen-korrespondent AN Ukrainskoy RSR (for Lazarenko, Gzhits'kiy, Kiyak) 2. Akademiya nauk URSR, Kiyev.
(Ukraine--Fertilizers and manures)