L 20350-65
ACCESSION NR: AP4041007

sylphon, gas, and piston expansion mechanisms; radiation screens; auxiliary cooling devices; safety devices and safety problems. Twelve large liquid-hydrogen bubble chambers (7 American, 2 French, 1 CERN, 1 British, and 1 TEF Soviet) are listed with these characteristics reported: working space dimensions, housing material, number and arrangement of illuminators, expansion system, illuminator gasket, piston gasket, thermostatic control, liquid hydrogen consumption, operating mode, piston stroke, expansion factor, magnet characteristics, exposure, false radius of curvature, year of completion. Orig. art. has: 20 figures, 14 formulas, and 4 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00

SUB CODE: NP NO REF SOV: 012 OTHER: 021

Cord 2/2

SOKOLOV. A. P.
USSR/Biology

Card 1/1

Author : Sokolov, A. P.

Title : The chemism of water of the Tsimlyansk water reservoir

Periodical : Priroda, 5, 94 - 97, May 1954

Abstract : The Tsimlyansk water reservoir runs for about 180 km upstream of the Don river. Its circulation increases in the summer and fall seasons and decreases during the winter and early spring periods. The chemical composition of the water of the Tsimlyansk sea was not yet completely established, but the first results of its investigation, obtained in 1952, present not only a scientific, but also practical interest. The greater seasonal fluctuations in the chemical composition of the Don river water are caused by the various ratios of water mixtures, coming from surface and ground streams and do not depend upon the addition of water used by industrial enterprises.

Institution : The V. M. Molotov State University, Biological Institute, Rostov/Don

Submitted : ....

SOKOLOV, A.P., kandidat tekhnicheskikh nauk.

Hydrogen sulfide in the springs of the ground water runoff. Priroda 45 no.4:113-114 Ap '56. (MLRA 9:7)

1.Biologicheskiy institut pri Rostovskom-an-Donu universitete.
(Hydrogen sulphide) (Water, Underground)

SOKOLOV, A.P., kandidat tekhnicheskikh nauk.

Dying of fish under ice and ways for controlling it. Priroda 44 no.12:98-100 D '55. (MLRA 9:1)

1.Stalingradskoye otdelenie Vsesoyuznogo nauchno-issledovatel'skogo instituta prudovogo rybnogo khozyaystva.
(Fishes--Diseases and pests)

SHELEST, P.Z.; SIZOV, A.I., red.

[Flax growing; production and science] L'novodstvo (opyt proizvodstva i nauki). Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 410 p. (MIRA 16:9)
(Flax)

SIZOV, A.M.

Study of the dynamic loads on elements of the blast furnace hopper arising from the impact of the bell of the charging apparatus. Trudy TSNIISK no.2:142-160 '61. (MIRA 16:8)
(Blast furnaces)

[redacted], N. [redacted]

[redacted]rtation: "Certain Problems of the Dynamic Stability (Parametric Excitation of Vibrations) of Prismatic Bars Under Action of Longitudinal Reriodical Forces."

21/11/5[redacted]

Central Sci Res Inst of Industrial Constructions - "TSNIPS"

SO Vecheryaya Moskva
Sum 71

GOL'DENBLAT, I.I., redaktor; SIZOV, A.M.; SNITKO, I.K., kandidat tekhnicheskikh nauk, redaktor; CHEBYSHEVA, Ye.A., tekhnicheskiy redaktor.

[Reference book on calculating strength and vibrations in structural elements] Spravochnik po raschetu stroitel'nykh konstruktsii na ustoichivost' i kolebaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1952. 251 p. [Microfilm] (MLRA 8:1)
(Structures, Theory of)

GOL'DENBLAT, I. I.; SIZOV, A. M.

Gol'denblat, I. I.

"Manual for calculating the stability and vibrations of building construction."
I. I. Gol'denblat, A. M. Sizov. Reviewed by V. M. Muchnikov.
Stroi. Prom. 30, No. 8, 1952.

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

GOL'DENBLAT, I.I.; KORENEV, B.G.; SIZOV, A.M.

Snow loads in the building norms and regulations. Strei.prom.34 no.6:25-27 Je '56. (MLRA 9:9)

1.TSentral'nyy nauchno-issledovatel'skiy institut promyshlennykh sooruzheniy.
(Roofs)

SIZOV, A.M., kand.tekhn.nauk

Securing crane rails to reinforced concrete beams. Stroi.prom. 36 no.4:18-20 Ap '58. (MIRA 11:4)
(Cranes, derricks, etc.)

SIZOV, A.M., kand.tekhn.nauk

Experimental investigations of parametric vibrations of compressed prismatic rods. Trudy TSNIISK no.1:73-86 '61. (MIRA 15:4)
(Elastic rods and wires--Vibration)

SIZOV, A. N.; PAVLOV, I. A.

Electric Motors - Repairing

Equipment for disassembling and assembling electric motors.
Rab. energ. 2, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

DNEPRENKO, K.V.; SMIYAN, O.D.; SIZOV, A.N.

Blind radiant tubes. Stal' 23 no.9:854-855 S '63. (MIRA 16:10)

1. Institut ispol'zovaniya gaza AN UkrSSR i Gosudarstvennyy soyuznyy institut po proyektirovaniyu metallurgicheskikh zavodov.

SIZOV, A.P.; KONOPLYANNIKOV, Yu.A.

Electric erosion cutting of metals (according to foreign patents).
Stan.i instr. 35 no.9:32-35 S '64. (MIRA 17:10)

SIZOV, A.F.; KONOPLYANNIKOV, Yu.A.; BOGATYREVA, S., red.

[Electric spark machining of metals; review of foreign patents] Elektroerozionnaia obrabotka metallov; obzor inostrannykh patentov. Moskva, TSentr. nauchno-issl. in-t patentnoi informatsii i tekhniko-ekon. issledovanii, 1964. 46 p. (MIRA 18:6)

L 07426-67 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AR6027561 SOURCE CODE: UR/0272/66/000/005/0067/0067

29
B

AUTHOR: Malkin, D. D.; Sizov, A. P.

TITLE: Vibroelectrolytic polishing of small components

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 5.32.482

REF SOURCE: Chasy, chas. mekhanizmy, vyp 3(150), 165, 14-16

TOPIC TAGS: metal polishing, electrolyte, electrochemistry

ABSTRACT: The authors describe a method for vibroelectrolytic polishing of small components developed at the Scientific Research Institute of the Watchmaking Industry. The components are placed in a metal tank containing the electrolyte. The tank is connected to the anode, and the cathode is introduced into the tank through a central opening in the lid. The tank is placed on a vibrator table. Oscillation of the tank during treatment causes motion of the randomly distributed components along a complex spatial trajectory with periodic tossing. The parts being treated make period contact with the inner surface of the tank either directly or through other components. Thus the entire batch of components is subjected to thorough and uniform electrolytic polishing. Anode current density is 5-10 a/dm^2. 1 illustration, bibliography of 4 titles. [Translation of abstract]

SUB CODE: 13, 11

Card 1/1 UDC: 681.112.002.2

SIZOV, B.G.

Device for recording the rate of stream velocity and direction of its course. Trudy STI 31:36-41 '61. (MIRA 17:3)

SIZOV, G.; RABEY, M.; MAGNEV, V.

The PEN-600/50 immersion pump. Mech. transp. 21 no.8:25 Ag '62.
(MIRA 18:9)

1. Nachal'nik laboratorii TSentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta (for Sizov). 2. Glavnyy inzh. Astrakhanskogo tsentral'nogo konstruktorskogo byuro Ministerstva rechnogo flota (for Rabey).

SIZOV, V. A.

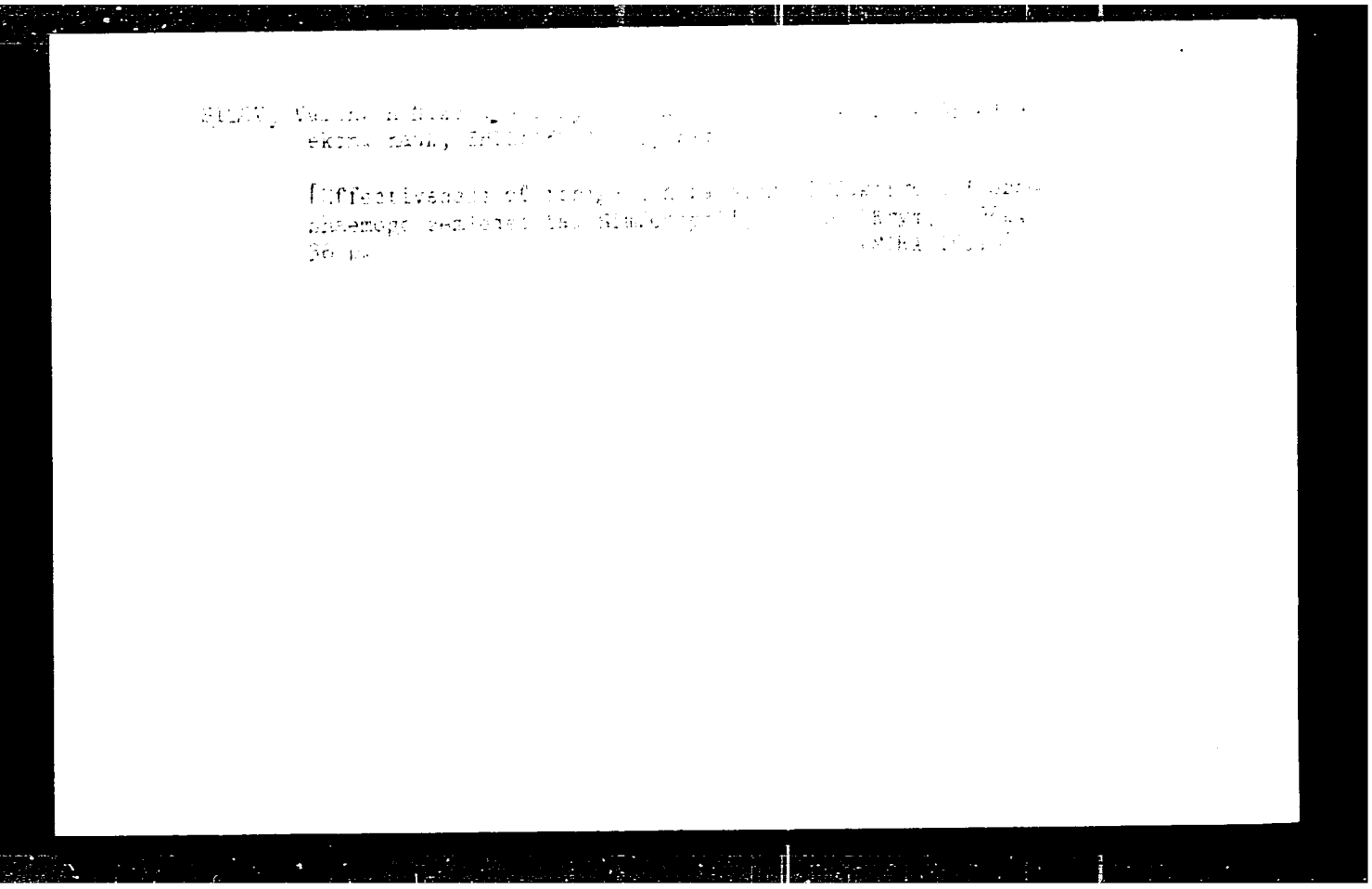
Electric Lines.

Measures increasing labor efficiency during the installation of protective devices and automatic control in cable network. Rab. energ., 1, No. 2, 1951.

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

SIZOV, V.A., inzh.

Multiple spindel valve lapping machine for internal combustion engines. Sudostroenie 29 no.3:48-51 Mr '63. (MIRA 16:4)
(Marine engines) (Ginding machines)



SIZOV, B.G., inzh.

Diagram for the approximate estimation of the bending moments in a ship's hull. Sudostroenie 24 no.9:15-19 S '58. (MIRA 11:11)
(Hulls (Naval architecture)) (Flexure)

SIZOV, B.G.

Use of secondary capron in the manufacture of industrial products. (MIRA 15:1)
Plast.massy no.9:67 '61.
(Nylon)

SIZOV, B.N.
PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

Call No.: TH153.S68
AID 134 - I

BOOK
Author: SIZOV, B. N., Bach. of Eng. Sc., Laureate of Stalin Prize
Full Title: CONSTRUCTION WORKS UNDER WINTER CONDITIONS
Transliterated Title: Stroitel'nye raboty v zimnikh uslovizakh

Publishing Data
Originating Agency: None
Publishing House: State Publishing House of Building and Architectural Literature
No. pp.: 512
No. of copies: 20,000
Date: 1951
Editorial Staff
Editor: Tarasevich, A. P., Eng.
Tech. Ed.: None
Appraiser: None
Editor-in-Chief: None

Text Data
Coverage: The book contains basic information and description of various methods developed since 1930 in construction works conducted under winter conditions, particularly in the regions of permanant frost. Preparation of the ground for concrete work is described including the works in frozen river and lake beds. Practical information is supplied for improvement of quality and acceleration of hardening of the concrete under winter conditions. The methods include: special mixtures; preheating; preservation of heat of reaction ("thermos" method); external and internal heating of mold form with hot air, steam and electric current; work in warm enclosure, etc. Special data are also given on brick

1/2

SIZOV, B.N.

Stroitel'nye raboty v zimnikh uslovizakh AID 134 - I

walls, floors, roofs, chimneys including the works for heating, ventilation, water piping and sewer systems.

Comments: The book outlines interesting practical solutions of many complicated problems in winter construction, often omitted in American building literature. The book also describes occasional deformations and failures due to severe climatic conditions, if essential requirements are not fulfilled.

Purpose: A textbook for construction engineers and designers.

Facilities: The editorial committee makes acknowledgment to the following workers participating in scientific research work on this subject: Mironov, S. A., Dr. of Eng. Sc., Medvedev, B. M., Bach. of Eng. Sc., Sizov, V. N., Sovalov, I. G., Shishkin, H. A., Eng. Semensky, V. P., and also to production engineers Kuznetsov, P. V.; Ovsyankin, V. T.; Filippov, N. G.; Chermov, T. P. (Stalin prize winner).

No. of Russian and Slavic References: 24

Available: Library of Congress.

2/2

SIZOV, B.V.; NIKITIN, V.A.

Multicolor printing machine for imprints and inscriptions on ampule and flasks. Med.prom. 15 no.9:33-36 S '61. (MIRA 14:9)

1. Moskovskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok imeni I.I.Mechnikova.
(DRUG INDUSTRY) (LABELING MACHINES)

SIZOV, D.M.

Conference of departmental control workers on exchange of experience. Izm. tekh. no.2:93-94 Mr-Ap '57. (MLRA 10:6)
(Zaporozh'ye--Measuring instruments)

SOV/115-58-6-3/43

AUTHOR: Sizov, D.M.

TITLE: Introduction of New Measuring Techniques in Plants (Vnedreniye novoy izmeritel'noy tekhniki na predpriyatiyakh) From the Experience of the Zaporozh'ye State Inspection Laboratory for Measuring Procedures (Iz opyta Zaporozhskoy gosudarstvennoy kontrol'noy laboratorii po izmeritel'noy tekhnike)

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 6, pp 5-6 (USSR)

ABSTRACT: The Zaporozhskaya gosudarstvennaya kontrol'naya laboratoriya (Zaporozh'ye State Control Laboratory) distributed 279 information pamphlets in 34 plants during the first half of 1958. In metallurgical plants the mechanical potentiometers have been replaced by electronic types, and improved balances of ADV-200 type have been installed. The Zaporozh'ye Town Food Distribution Board dial balances type VNTs-10 and Vnts-2 are being introduced. For the measuring of liquids the usual measuring glasses have been replaced by automatic saturaters AS-1 and proportioning hoppers PDSA. Conferences for the exchange of experience

Card 1/2

28(2) SOV/115-59-9-6/37

AUTHOR: Sizov, D.M.

TITLE: The Experience in Organizing Base Laboratories for th Inspection of Measuring Instruments

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 9, p 15 (USSR)

ABSTRACT: The author reports on the experience in organizing so-called "base laboratories" (Bazovyye laboratorii) at large industrial installations in the area of Zaporozh'ye, Melitopol' and Berdyansk. The organization of such laboratories was necessitated by the reorganization of industrial administrations. Laboratories are required which are capable of supervising existing measuring instruments at industrial installations of a sovnarkhoz. The Zaporozhskaya gosudarstvennaya kontrol'naya laboratoriya po izmeritel'noy tekhnike (Zaporozh'ye State Control Laboratory for Measuring Instruments) initiated the organization of base laboratories. At the plant "Zaporozhstal'" a laboratory for heat measurements was organized. A laboratory for linear and angular measurements was

Card 1/3

The Experience in Organizing Base Laboratories for the Inspection of Measuring Instruments

established at the Berdyanskiy Pervomayskiy zavod (Berdyansk Pervomayskiy Plant). A laboratory for electric measuring instruments was opened within the framework of "Dneproenergo". Presently, another base laboratory is being organized at the Avtoremontnyy zavod (Automobile Repair Plant) which will be responsible for the supervision of gasoline pumps and their repair. When setting up the aforementioned base laboratories, great difficulties were encountered. There were not suitable buildings, qualified personnel and reference test instruments. All these difficulties have been overcome. The work of the base laboratory at the Pervomayskiy Plant may serve as a positive example. A special building was erected for this laboratory. It is equipped with all necessary reference instruments: measuring machine IZM-10, universal microscope UIM-21, interferometer PIU-2, optical dividing head ODG, horizontal and vertical comparators, 3rd category gage blocks and

other necessary devices. The laboratory consists of several section: adjustment section, template section, reference section, operational measurement section, etc. The inspection and repair of measuring instruments is performed according to a schedule which was worked out in cooperation with the Zaporozh-ye State Inspection Laboratory for Measuring Instruments and the nine enterprises which are serviced by this base laboratory. Emplcyees of the laboratory are available for consultation on measurement problems and provide measuring instruments for complicated measurements. They assisted in detecting the cause of rejects at the Pervomayskiy Plant.

06205
SOV/115-59-11-33/36

25 (1), 28 (2)

AUTHOR: Sizov, D. M.

TITLE: A Conference for Exchanging Experience in Introducing New Measuring Instruments

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 11, pp 66

ABSTRACT: The Zaporozhskaya gosudarstvennaya kontrol'naya laboratoriya po izmeritel'noy tekhnike (Zaporozh'ye State Control Laboratory for Measuring Instruments), in cooperation with the Tsentral'noye byuro tekhnicheskoy informatsii Zaporozhskogo sovnarkhoza (Central Bureau of Technical Information of the Zaporozh'ye Sovnarkhoz) organized a conference on an Oblast' level in Zaporozh'ye in August 1959. A total of 64 representatives of 32 industrial installations of the Zaporozh'ye, supervisors of plant laboratories exchanged their experience in introducing new measuring instruments. Two reports were read at the conference. The first dealt with the activities of a TsIL (Central Measuring Laboratory) in introducing new measuring in-

Card 1/3

A Conference for Exchanging Experience in Introducing New Measuring Instruments

struments at an unidentified plant. The work of the TsIL is performed in two directions: 1) By introducing new measuring instruments and modernizing old ones at the laboratory itself; 2) By introducing more perfect methods of checking parts in the production process. This TsIL worked on improvements of horizontal and vertical comparators and built various measuring instruments needed for the production process. Pneumatic methods of checking small parts are widely used. Transducers to be used for such pneumatic methods are under development at the plant. - The representative of the "Zaporozhstal'" plant reported on the introduction of new measuring methods and devices which is performed according to plan developed in cooperation with the Zaporozh'ye State Control Laboratory for Measuring Instruments. About 70% of the measures contained in the plan have been performed. Some of the improvements are listed, which were made at the agglomeration de-

SIZOV, D.M.

Introducing new measureing equipment in enterprises of Zaporozh'ye Province. Izm. tekh. no. 1:57-58 Ja. '61. (MIRA 14:1)
(Zaporozh'ye Province--Measuring instruments)

SIZOV, D.M.

More attention to the efficiency of testing. Izm.tekh. no.10:57-58 O '61. (MIRA 14:11)

(Measuring instruments--Testing)

SIZOV, D.M.

Seminars on measuring equipment. Izm.tekh. no.3:63-64 Mr '62.
(MIRA 15:2)

(Measuring instruments)

SIZOV, F., kontr-admiral

On guard in the Soviet polar area [30th anniversary of the Northern Fleet]. Voen. znan. 39 no.7:14-15 Jl '63. (MIRA 16:7)

1. Chlen Voyennogo Soveta, Nachal'nik Politupravleniya Severnogo flota.

(Russia, Northern--Naval history)

SIZOV, F., kontr-admiral

Political agencies at training exercises and on marches. Komm. Vooruzh. Sil 4 no. 13:14-21 Jl '64. (MIRA 17:7)

1. Chlen Voyennogo soveta, nachal'nik politicheskogo upravleniya Severnogo flota.

SIZOV, F. N.

PA 26/49T38

USSR/Engineering Sep 48
Concrete
Construction Materials

"Hardening of Concrete Mixed With Calcium Chloride in Sub-Zero Temperature," S. A. Mironov, Dr Tech Sci, F. N. Sizov, Cand Tech Sci, Cen Sci Res Inst of Constr Ind, 4 pp

"Stroitel' Prom" No 9

Frequent losses in cement works are caused by premature freezing of the mixture, resulting in delayed hardening and cracks. Describes method developed by VNIOMS which recommends use of varying amounts of calcium chloride to

26/49T38

USSR/Engineering (Contd) Sep 48

speed up hardening period and at same time slow down freezing.

26/49T38

SIZOV, G., inzh.

Iron plating of parts in the Saratov Automobile Repair Plant.
Av.transp. 40 no.7:26-29 Jl '62. (MIRA 15:8)
(Saratov--Motor vehicles--Maintenance and repair)
(Saratov--Iron plating)

SIZOV, G., inzh.

Iron-plating shop at the Saratov motor-vehicle repair plant. Avt. transp. 42 no. 4:26-30 Ap '64. (MIRA 17:5)

SIZOV, G.G.; SHTARK, M.B.

Therapeutic effect of hexonium in pruritic dermatoses. Vest.derm. i ven. 35 no.4:62-64 Ap '61. (MIRA 14:5)

1. Iz Permskogo gorodskoy bol'nitsy No.21 (glavnyy vrach G.P. Dolmatov).

(HEXONIUM COMPOUNDS) (PRURITUS)

SIZOV, G.I., inzh.

Exhibition of building and road machinery in Munich. Stroi.i dor.mashinostr. 4 no.10:37-39 O '59. (MIRA 13:2)
(Munich--Exhibitions) (Road machinery) (Building machinery)

SIZOV, G.I., inzh.

New machines for increasing the mechanization of road construction and the building industries. Stroi.i dor.mashinostr. no.7:5-6 Jl '59. (MIRA 12:11)
(Road machinery) (Building machinery)

VASIL'YEV, A.A.; PLESHKOV, D.I.; PRUSSAK, B.N.; SIZOV, G.I., inzh., retsenzent; CHANGLI, I.I., inzh., red.; NIKITIN, A.G., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Road machinery] Dorozhno-stroitel'nye mashiny. Red.serii "Mashinostroenie v 1959-1965 gg." I.I.Changli. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 121 p. (MIRA 13:8)
(Sovetskoe mashinostroenie v 1959-1965 gg.)
(Road machinery)

ROSTOTSKIY, V.K.; SIZOV, G.I., inzh., retsenzent; ZHURAVLEVA, M.N., red.izd-va; SOKOLOVA, T.F., tekhn. red.

[Machinery and equipment for manufacturing building materials for rural construction] Mashiny i oborudovanie dlia proizvodstva stroitel'nykh materialov v sel'skom stroitel'stve; spravochnoe posobie. Moskva, Mashgiz, 1963. 391 p. (MIRA 17:3)

SIZOV, G.N.

USSR/Engineering - Hydraulics, Flow Analysis Mar 52

"On Propagation of Restricted Streams," G. N. Sizov, Engr

"Gidrotekh Stroi" No 3, pp 27-29

Develops a number of formulas characterizing propagation of restricted submerged stream, which found its wide application in hydraulic engineering, mainly in hydromechanization of submarine earthworks, i.e., using hydraulic monitors.

219T22

SIZOV, G.N.; GRIGOR'YEV, S.N., redaktor; VINOGRADOVA, N.M., redaktor; BEGICHEVA, M.N., tekhnicheskiy redaktor

[Function of the submerged hydraulic excavator spray] Rabota zatoplennoi gidromonitornoi strui. Moskva, Gos. izd-vo vodnogo transporta, 1953. 167 p. (MLRA 7:10)
(Excavation) (Water jet)

SIMOV, G., kandidat tekhnicheskikh nauk.

Improving the exploitation of the capacity of hydraulic dredges.
Mor.i rech.flot 13 no.23-27 D '53. (MLRA 6:12)
(Dredging machinery)

SIZOV, G.N., kand.tekhn.nauk

Useful monograph ("Mechanics of jet movements of fluids and gases" A.A. Goleevskii. Reviewed by G.N. Sizov). Rech.transp. 17 no.4:40 Ap '57. (MIRA 11:4)
(Jets-Fluid dynamics)
(Goleevskii, A.A.)

SIZOV, G., kand.tekhn.nauk

Characteristics of elevator design for petroleum products. Mech. transp. 19 no.9:24-26 S '60. (MIRA 13:9)
(Petroleum--Transportation)
(Cargo handing--Equipment and supplies)

SIZOV, G.N.

Interaction of a liquid flow and the surrounding medium. Inzh. fiz.zhur. 4 no.7:113-116 Jl '61. (MIRA 14:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta, Moskva.
(Fluid dynamics)

SIZOV, G.

Carry out a radical reorganization of petroleum pumping facilities used by the Ministry of the River Fleet. Rech. transp. 21 no.1:27-28 Ja '62. (MIRA 16:8)

1. Nachal'nik laboratorii TSentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta.
(Petroleum—Transportation)
(Pumping machinery)

RABEY, M.; SIZOV, G.; USACHEV, V., konstruktor

PNR-600/50 electric sinker pump for petroleum tank vessels. Mech. transp. 21 no.2:34-35 F '62. (MIRA 15:3)

1. Galvnyy inzh. Astrakhanskogo tsentral'nogo konstruktorskogo byuro Ministerstva rechnogo flota (for Rabey). 2. Nachal'nik laboratorii TSentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta.
(Tank vessels--Equipment and supplies) (Pumping machinery)

SIZOV, G.N., kand.tekhn.nauk

Dimensions of the underwater zones of interaction between a jet and the soil. Stroi. truboprov. 8 no.5:17-18 My '63. (MIRA 16:5)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta.

(Dredging)
(Underwater pipelines--Design and construction)

SIZOV, G., kand. tekhn. nauk; BIBIKOV, Yu., inzh.

Heat conditions on tank vessels. Rech. transp. 22 no.9: 35-37 S '63. (MIRA 16:10)

SIZOV, G.N.

Aleksandr IAkovlevich Milovich; on the 90th anniversary of his birth. Inzh.-fiz. zhur. 8 no.3:405-408 Mr '65. (MIRA 18:5)

SIZOV, G.V., inzh.

The improved K-123 crane with pneumatic tires. Stroi. i dor. mashinostr 3 no.5:18-19 My '58. (MIRA 11:6)
(Piling (Civil engineering))

SIZOV, I., polkovnik

Shift of rear echelon units during an offensive. Tyl i snab. Sov. Voor. Sil 21 no.4:34-37 Ap [illegible] (MIRA 14:7)
(Attack and defense (Military science))
(Logistics)

SIZOV, I.A.

22539 Sizov, I.A. Pushkinskie laboratorii vsesoyuznogo instituta rastenievodstva (k 25 - letiyu so dnya organizatsii) sbornik trudov pushkinsk laboratorii vsesoyuz in-ta rastenievodstva L 1949 s 11-20

SO: LETOPIS' No. 30, 1949

1. SIZOV, I. A.

2. USSR (600)

4. Botany - Variation

7. Recent information on species and species development. Nauka i zhizn' 18 No. 11, 1951.

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

SIZOV, I.A.

SUKACHEV, V.

"Interspecific and intraspecific relations of plants" (Zemledelie, 1953, no.4). I.A.Sizov. Reviewed by V.Sukachev. Bot.zhur. 39 no.3:449-451 My-Je '54. (MLRA 7:7)

1. Institut lesa Akademii nauk SSSR, Moscow.
(Botany--Ecology) (Origin of species)

SIZOV, I.A.

Evolution of cultivated flax. Probl.bot. no.2:113-166 '55. (MLRA 8:11)
(Flax)

SIZOV, I.A., prof.

Cultivation of flax in the U.S.S.R. Agrobiologiia no.5:36-40 S-O '57. (MIRA 10:10)

1. Chlen-korrespondent Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina. 2. Vsesoyuznyy institut rasteniyevodstva, Leningrad.

(Flax)

S-1200

B

USSR / General Biology - Genetics.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38051.

Author : Sizov, I. A.
Inst : Not given.
Title : Use of Heterosis to Increase Yield of Agricultural Plants.

Orig Pub: Selektsiya i semenovodstvo, 1957, No 5, 34-38.

Abstract: No abstract.

Card 1/1

SIZOV, I.A.

Plant resources at the service of agriculture in the U.S.S.R.
Dokl. Akad. sel'khoz. 22 no.10:3-7 '57. (MIRA 10:12)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva.
(Plant breeding)

SIZOV, I., prof.

Let's improve the fiber of flax and hemp. Nauka i pered. op. v sel'khoz. 8 no.1:59-60 Ja '58. (MIRA 11:2)

1. Vsesoyuznyy institut rasteniyevodstva.
(Flax) (Hemp)

SIZOV, I.A., prof.

Guarantee of success in flax breeding and seed production.
Agrobiologiia no.5:768-770 S-O '59. (MIRA 13:2)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhoz.nauk imeni V.I.Lenina. Vsesoyuznyy institut rasteniyevodstva, g.Leningrad.
(Flax breeding)

SIZOV, Ivan Aleksandrovich, prof.; KATSNEL'SON, S.M., red.; SAVCHENKO, Ye.V., tekhn.red.

[Hybridization of agricultural plants is a powerful factor in increasing yields] Gibridizatsiia sel'skokhoziaistvennykh rastenii - moshchnyi faktor povysheniia urozhainosti. Moskva, Izd-vo "Znanie," 1960. 43 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.8). (MIRA 13:3)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Sizov).
(Plant breeding)

SIZOV, I.A., doktor sel'skokhozyaystvennykh nauk, prof.

Variability and yields of flax varieties. Agrobiologiia no.3:350-354 My-Je '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva, g. Leningrad.

(FLAX--VARIETIES)

D'YACHKOV, P.N.; PURGIN, A.K.; BOL'SHAKOV, I.P.; GUBKO, I.T.; KOSTOMAROV, N.I.; SIZOV, I.D.

Refractory Dinas material. Ogneupory 26 no.9:394-398 '61. (MIRA 14:9)

1. Vostochnyy institut ogneuporov (for D'yachkov, Purgin, Bol'shakov). 2. Pervouralskiy dinasovyy zavod (for Gubko, Kostomarov, Sizov).

(Refractory concrete)

GUBKO, I.T.; SIZOV, I.D.; KOSTOMAROV, M.I.; KHITHO, Ye.V.

Mixing dinas raw materials in model II5 centrifugal pug mills. Ogneupory 28 no.6:245-249 '63. (MIRA 16:6)

1. Pervoural'skiy dinasovyy zavod.
(Refractory materials)
(Mixing machinery)

SIZOV, I. M.

Torgovlya Grammofonnymi Plastinkami (Trade in Gramaphone Records, by) K. I. Yegorov, D. S. Maksimov (1) I. M. Sizov. Moskva, Gostorgizdat, 1952.
79 P. Illus., Diagrs., Tables (V Pomoshch' Prodavtsu i Zaveduyushchemu Sektsiyey Promtovarnogo Magazina).

SO: N/5
749.4
.Y4

3-5-19/38

AUTHOR: Sizov, I.M.

TITLE: To Manage Economically Means to Keep Accounts of Money (Khozyaystvovat' berezhlivo, vesti schet den'gam)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, Nr 5, pp 58-59 (USSR)

ABSTRACT: The 400 VUZes of the Ministry of Higher Education, USSR, spend annually 5 billion rubles. The author describes the financial management of VUZes which, though improved, still incur unnecessary expenses. Overpayment of salaries accounts for 60% of the waste; unnecessary fees paid to professors and teachers for overfulfillment of the educational norms and for maintenance of senior teachers and in excessive teachers' salaries. There is also a stock of excess materials in VUZes which entails the freezing of thousands of rubles.

The author cites as an example the Moscow Institute of Aviation and the Molotov Mining Institute. At the latter, 2 scraper-conveyors, coal cutting and rock-loading machines were stocked, representing a value of more than 400,000 rubles. This can only be called a freezing of financial means. Similar situations prevail at the Novocherkassk Polytechnical Institue and the Chimkent Technological Institute of Building Materials. In conclusion it is stated that problems of economy and

Card 1/2

financial discipline must receive greater attention by VUZes and their workers.

ASSOCIATION: Central Accounting Office of the Ministry of Higher Education, USSR (Tsentral'naya bukhgalteriya Ministerstva vysshego obrazovaniya SSSR)

AVAILABLE: Library of Congress

Card 2/2

GAIDEYEV, A.S.; GOVOROV, A.M.; OSETINSKIY, G.M.; RAKIVNENKO, A.N.; SIZOV, I.V.; SIKSIN, V.S.

D--D reactions in the 100-1000 Kev deuteron energy range. Atom. energ. suppl. no.5:26-47 '57. (MIRA 11:2)
(Nuclear reactions) (Deuterons)

Sizov, I. V.

24.6600
26.2212
21.1100

83164

S/056/60/039/002/001/044
B006/B056

AUTHORS: Li Ga Yen, Osetinskiy, G. M., Sodnom, N., Govorov, A. M., Sizov, I. V., Salatskiy, V. I.

TITLE: Investigation of the $He^3 + H^3$ Reaction

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960, Vol. 39, No. 2 (8), pp. 225-229

TEXT: The $He^3 + H^3$ reaction develops according to the following modes:

$$He^3 + H^3 \rightarrow Li^6 \rightarrow He^4 + H^2 + 14.31 \text{ Mev} \quad (1)$$

$$\rightarrow He^4 + H^1 + n + 12.08 \text{ Mev} \quad (2)$$

$$\rightarrow He^5 + H^1 + Q \quad (3)$$

$$\downarrow$$

$$He^4 + n + Q$$

The authors determined the total cross section of this reaction by integral neutron counting, using a thin gas target. The ratio between the

Card 1/4

Investigation of the $He^3 + H^3$ Reaction

S/056/60/039/002/001/044
B006/B056

branches of the reaction was determined from the spectrum of the charged particles, measured at a laboratory angle of 90°. The energy of the He^5 decay into α + n was estimated; as a control test, the $H^2 + H^3$ cross section was measured under the same conditions. The tritons, accelerated by an electrostatic generator to 150 - 970 kev, hit the entry window of the gas target; this window consisted of a 0.9 - 1.4 mg/cm^2 thick nickel foil. The target itself was in a vacuum chamber located in the center of a tank filled with a 2% $KMnO_4$ solution. Perpendicular to the beam direction there was a photomultiplier which served as a monitor. The lateral window facing the scintillation counter was closed with a 1 mg/cm^2 nickel foil. The energy losses of the tritons were determined by means of a magnetic analyzer. The temperature of the gas target was measured by means of a thermocouple. The He^3 pressure in the target container was 60 torr. Several further experimental details are given. The results obtained by the experiments are shown in diagrams. Thus, Fig. 1 shows the cross sections of branches (2) and (3) as a function of the triton energies. The root-mean-square error in the range 240 - 970 kev was ±5%, at 149 kev it was ±31%. For comparison, also the

Investigation of the $He^3 + H^3$ Reaction

S/056/60/039/002/001/044
B005/B056

for their interest and discussions, and they also express their gratitude to the members of the generator team I. A. Chepurchenko, N. N. Schetchikov, and M. V. Savenkova. There are 2 figures and 8 references: 3 Soviet and 5 US.

4

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: January 27, 1960

Card 4/4

KYUN, B.; SALATSKIY, V.I.; SIZOV, I.V.

[Study of the reaction C^{12} (t, p.) C^{14}.] Issledovanie reaktsii C^{12}(t, p) C^{14}. Dubna, Ob"edinennyi in-t iadernykh issl., 1961. 15 p. (MIRA 15:1)
(Nuclear reactions) (Carbon)

GOVOROV, A.M.; LI GA YEN; OSETINSKIY, G.M.; SALATSKIY, V.I.; SIZOV, I.V.

[Total cross sections of the T+T reaction in the energy range of 60 - 1140 Kev] Polnye secheniia reaktsii T + T v intervale energii 60 - 1140 Kev. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1961. 26 p. (MIRA 14:10)

(Nuclear reactions)

GOVOROV, A.M.; Li Ga Yen; OSETINSKIY, G.M.; SALATSKIY, V.I.; SIZOV, I.V.

Spectra of α-particles and differential cross sections of the reaction $H^3(t, 2n)He^4$ at an angle of 90 . Zhur.eksp.i teor. fiz. 41 no.3:703-707 S '61. (MIRA 14:10)

1. Ob"yedinennyy institut yadernykh issledovaniy.
(Alpha rays--Spectra) (Nuclear reactions)

NEDVEDYUK, K.; SALATSKIY, V.I.; SIZOV, I.V.; FURMAN, V.I.; SARANTSEV, V.R., tekhn. red.

[Angular distributions of α-particles and total cross sections for the reaction $C^{12}(t, \alpha_0)B^{11}$] Uglovye raspredeleniia α - chastits i polnye secheniia reaktsii $C^{12}(t, \alpha_0)B^{11}$. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. (MIRA 15:12)

(Alpha rays) (Nuclear reactions)

S/056/62/042/002/012/055
B102/B138

AUTHORS: Govorov, A. M., Li Ka-eng, Osetinskiy, G. M., Salatskiy, V. I., Sizov, I. V.

TITLE: The total cross sections of the T+T reaction in the energy range 60-1140 kev

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 2, 1962, 383-385

TEXT: The total T+T reaction cross sections were determined on the electrostatic generator of the OIYaI with a thin gas target. Its tritium concentration was 65-93% and pressure was 50-60 mm Hg. The energy dependence of the total cross section can be approximated by $\sigma = (a + b\log E_{kev}) \cdot 10^{-27}$ cm^2, where $a = (-91.2 \pm 2.5)$ and $b = (55.8 \pm 1)$. σ increases monotonically from 10 mb at 60 kev to 82 mb at 1140 kev. The errors are 20-16% between 60 and 100 kev, 12-6.5% between 133 and 392 kev and 6.5-5.1% between 392-1140 kev. F. L. Shapiro is thanked for advice. There are 1 figure and 4 references: 2 Soviet and 2 non-Soviet. The two references to the English-language publications read as follows: H. M.

Card 1/2

The total cross sections of ...

Agnew et al. Phys. Rev. 84, 862, 1951; N. Jarmik, C. Allen. Phys. Rev. 111, 1121, 1958.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: August 12, 1961

Card 2/2

43365
S/056/62/043/005/016/058
B102/B104

AUTHORS: Kyun, B., Salatskiy, V. I., Sizov, I. V.

TITLE: Investigation of the $C^{12}(t,p)C^{14}$ reaction

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43, no. 5(11), 1962, 1660-1664

TEXT: The differential and total cross sections of the reaction $C^{12}(t,p)C^{14}$ and the proton angular distribution were measured in order to determine the reaction mechanism for E_t below the Coulomb barrier (cf. also Bull. Am. Phys. Soc. 4, 321, 1959; Proc. Phys. Soc. 76, 914, 1960; Phys. Rev. 125, 642, 1962). The target consisted of Al foil 3 mg/cm^2 thick on which a grapnite layer 76 μg/cm^2 thick was deposited by vacuum evaporation. It was bombarded under 45° by a triton beam with $0.32 \leq E_t \leq 1.18$ Mev obtained from an electrostatic accelerator. The proton angular distribution was measured with a vacuum chamber (Preprint OIYaI P-621, 1960) and an ФЭУ-31 (PEU-31) photomultiplier, revolving around the target. A second

Card 1/4

Investigation of the ...

scintillation counter with an ФЭУ-С (FEU-S) photomultiplier, arranged under an angle of 90° to the triton beam, served as a monitor. The pulses from the revoluting counter were fed to a multi-channel pulse-height analyzer. The angular distribution was determined between 0 and 155° with 10° intervals ; the angular resolution was ±3.5° and the statistical error was ±3%. The E_t-dependence of the proton yield at 90° (lab. system) was measured via $T^3(t,2n)He^4$ reaction. The absolute differential cross section σ at E_t=850 kev as measured with a methane-filled gas target gave a value of 233±5 μb/sterad. The curve $\sigma(E_t)$, obtained for 90°1. s., cf. Fig. 2, has maxima at 850 at 1117 kev, the second of which here observed for the first time, is attributed to a resonance with the 15.74-Mev level of the compound nucleus N^{15}. This was observed both for differential and for total cross section curves at 0, 40, 70, and 150°. The angular distributions σ(θ) in the c. m. s. depend, in their shape and position, greatly on E_t. A small-angle minimum, observed for E_t = 372 kev vanishes with increasing E_t, the maximum at

S/056/62/043/005/016/058
B102/B104

Investigation of the ...

90-120° for E_t = 372 kev shifts toward small angles and the second minimum shifts from great angles toward 90° so that for high E_t a distribution as shown in Fig 3. results. There are 3 figures and 1 table.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: June 30, 1962

Card 3/4

Investigation of the ...

Fig. 2

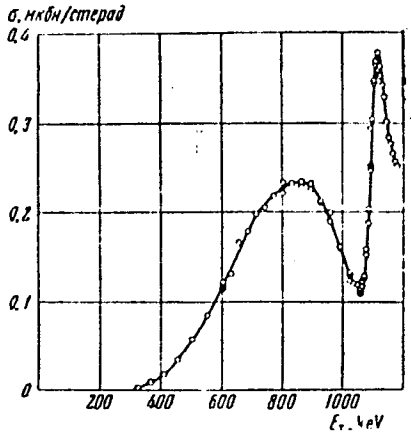
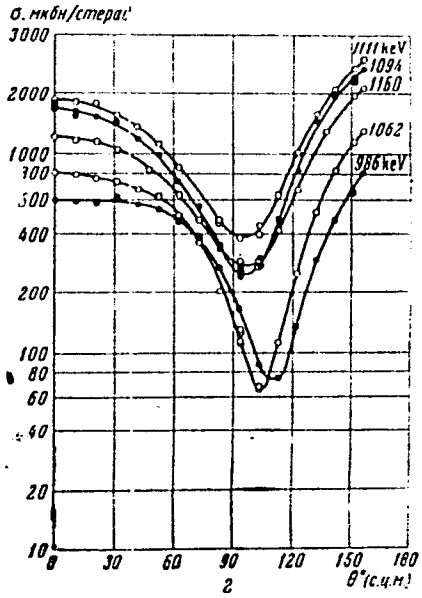


Fig.3

E_t, Mev	σ_{tot}, mb
0,372	0,10±0,01
0,500	0,59±0,02
0,595	1,02±0,03
0,616	1,15±0,04
0,673	2,00±0,05
0,698	2,22±0,06
0,753	2,66±0,07
0,818	2,84±0,07
0,868	3,28±0,09
0,924	3,74±0,10
0,987	4,73±0,12
1,062	5,89±0,17
1,094	12,15±0,36
1,111	14,14±0,37
1,160	9,88±0,28



Card 4/4

L 41339-65 EWT(m)/EWA(h)

ACCESSION NR: AP3001189 S/0089/63/014/005/0505/0505

AUTHOR: Sizov, I. V.

TITLE: Conference on nuclear reactions produced by light nuclei held in Dubna in December 1962

SOURCE: Atomnaya energiya, v. 14, no. 5, 1963, 505

TOPIC TAGS: conference, nuclear reactions, light nuclei

ABSTRACT: In December 1962 a conference was held in Dubna on nuclear reactions produced by light nuclei. More than 50 scientists from member nations of the Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research) were present. Twenty reports were presented. Reports on the investigation of elastic and inelastic scattering of protons and deuterons by light nuclei were presented by V. V. Tokarevskiy and others (SSSR), Ya. Kremenek (Czechoslovakia), and M. I. Ivashku (Rumania). A report on the theoretical interpretation of elastic scattering of deuterons with an energy of 13.6 Mev was presented by L. S. Sokolov (SSSR). A. V. Kurepin (SSSR) delivered an address on investigating proton scattering with tritium

Card 1/2

L 41339-65
ACCESSION NR: AP3001189

and detecting the excited state of He sup 4. Reports on the investigation of features of separate nuclear levels were presented by L. Kestkhey and Demetro (Hungary). Investigations of nucleon polarization were discussed by Ie. Gabanets (Czechoslovakia) and P. Nyamu (Rumania). A survey of experimental data on radiative capture of protons for a wide range of atomic nuclei and on the structure of light nuclei was presented by S. P. Tsytko (SSSR). Studies on the mechanism of nuclear reactions were elaborated by I. B. Teplov, V. I. Man'ko, and V. I. Salatskiy (all SSSR). A report on the theory of direct processes was presented by I. S. Shapiro (SSSR). "Some Experimental Problems of Interest for the Theory of Light Nuclei" was the title of a lecture by V. G. Neudachin. A report entitled "Nuclear Reactions at High Energies and the Structure of Light Nuclei" was presented by V. V. Balashov.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NO REF SOV: 000 OTHER: 000 ATD PRESS: 2026

Card 2/2

L 10239-63 EWT(l)/EWT(m)/BDS/ES(s)-2--AFFTC/ASD/SSD--Pt-4--
IJP(C)
ACCESSION NR: AP3000033 S/0056/63/044/005/1450/1455

AUTHOR: Nedvedyuk, K.; Salatskiy, V. I.; Sizov, I. V. 62

TITLE: Investigation of the reactions C-12 (t, Alpha)B-11 19 61

SOURCE: Zhurnal eksper. i teoret. fiziki, v. 44, nc. 5, 1963, 1450-1455

TOPIC TAGS: Carbon-tritium interactions, low energy, total cross sections, differential cross sections, angular distribution

ABSTRACT: The differential cross sections of the reactions C-12 (t, Alpha sub 0)B-11 and C-12 (t, Alpha sub 1)B-11* were investigated at a laboratory-system angle of 90° in the tritium-ion energy range 0,3 - 1.2 MeV. This is a continuation of a detailed investigation of the interaction between tritium nuclei and carbon at low bombarding-particle energies, aimed at obtaining data for the study of the mechanism of these reactions. The experiments were performed at energies lower than before, and yielded data on the differential and total cross sections of these reactions at energies below the Coulomb barrier of the C-12 nucleus for tritium. The angular distributions of the Alpha

Card 1/2

L 10239-63
ACCESSION NR: AP3000033

7

particles, corresponding to the formation of a residual B-11 nucleus in the ground state, were measured for several energies in the indicated range, and the total cross sections of this reaction were obtained. 'In conclusion, the authors thank F. L. Shapiro for useful advice in the discussion of the obtained results, G. N. Flerov and his co-workers for providing the semiconductor detectors, V. I. Furman, S. S. Parzhitskiy, A. P. Kobzev for participating in the experiments and the data processing, and also the crew of the electrostatic generator.' Orig. art. has: 4 figures.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 16Nov62 DATE ACQ: 12Jun63 ENCL: 00

SUB CODE: PH NR REF SOV: 003 OTHER: 002

bm/KeB
Card 2/2

ACCESSION NR: AP4015568 S/0089/64/016/002/0169/0170

AUTHOR: Sizov, I. V.

TITLE: Conference on low energy nuclear physics

SOURCE: Atomnaya energiya, v. 16, no. 2, 1964, 169-170

TOPIC TAGS: nuclear reaction, low energy reaction, spectroscopy, radioactive nucleus, nucleon, particle decay, conference, particle scattering

ABSTRACT: The September 1963 conference held in Hungary on low energy nuclear physics included presentations on investigations of nuclear reactions, nuclear spectroscopy and nuclear theory. Reports were given on reactions of the types (n, 2n), (p, n), (d, n), (d, He^3), (d, p), for the series of target elements (t, p) and (t, d) on He^3, and (t, p) and (t, α) on C; on polarization of neutrons in the reaction D(d, n)He^3; and on elastic and inelastic scattering of alpha particles on reaction mechanisms. Studies on the properties of radioactive nuclei, the pro-

Card 1/2

ACCESSION NR: AP4015568

perties of the excited states of the nucleus, new alpha-decay nuclei, electron capture, and beta^{+} decay of radioactive nuclei are reported. Quantitative evaluation of the accuracy of the method of calculating nuclear models; the pair correlations of some properties of nuclear materials; the nature of residual interaction between nucleons in Cl^{36}, Ar^{36} nuclei; the theoretical analysis of the photodecay of H^{3}; the use of a polarized hydrogen target in studying neucleon interaction; and use of polarized targets in resonance reactions with neutrons are discussed.

ASSOCIATION: None

SUBMITTED: 00	DATE ACQ: 12Mar64	ENCL: 00
SUB CODE: NP	NO REF SOV: 000	OTHER: 000

Card 2/2

SIZOV, K.P., inzh.; FOTIYEV, V.M., inzh.

"Repairs of industrial equipment" by N.F. Riabov. Reviewed by K.P. Sizov, V.M. Fotiev. Mashinostroitel' no.9:46-48 S '57. (MLRA 10:9)
(Machinery--Maintenance and repair)
(Riabov, N.F.)

SIZOV, K.P.

Tilting equipment for bodies of four-axle hopper cars. Biul.tekh.-ekon.inform. no.5:63-64 '58. (MIRA 11:7)
(Railroads--Freight cars) (Tools)

AUTHORS: Sizov, K.P., Meshcherskiy, M.D., Engineers SOV-118-58-8-20/24

TITLE: Tilter for the Bodies of Four Axle Gondola Cars (Kantovatel' dlya kuzovov chetyrekhosnykh poluvagonov)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 8, pp 40-41 (USSR)

ABSTRACT: The Kanashskiy vagonoremontnyy zavod (The Kanash Railroad Car Repair Plant) has constructed a tilting device to simplify the repair work of four axle gondola cars. This tilter consists of two transverse grapples suspended on two bridge cranes. Each gondola car is turned upside down and workers have easy access to all parts of the car. Other plants are at present constructing such tilters, the use of which reduces repair costs.
There are 3 photos.

1. Railroads--Maintenance 2. Tracked vehicles--Maintenance

Card 1/1

ALEKSEYEV, Vasiliy Dmitriyevich; POPOV, Aleksandr Ivanovich; SUZOV, Konstantin Pavlovich; SOROKIN, G.Ye., red.; BOBROVA, Ye.N., tekhn.red.

[Mechanization of operations for the repair of freight cars] Mekhanizatsiia rabot pri remonte gruzovykh vagonov. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 268 p. (MIRA 14:4)
(Railroads--Freight cars--Maintenance and repair)