BALASHEV, V.S.

BALASHEV, V.S.

Improving drum dyeing of leather. Leg.prom.15 no.1:49-51 Ja '55.
(Dyes and dyeing—Leather) (MLRA 8:3)

P LASHEV, V.S.

Mechanical cleaning of dehaired hides in drums. Leg.prom. 17 no.6:46 Je '57. (MLRA 10:8)
(Hides and skins)

ZAGONOV, V.N., inzh.; BALASHEV, V.S., inzh.

Preparation of mesh-reinforced frames for precast reinforced concrete columns of the main building of the Baltic State Regional Electric Power Plant. Energ. stroi. no.3:12-16 (13), 1960. (MIRA 14:9)

1. Leningradskiy filial instituta "Orgenergostroy".
(Concrete reinforcement) (Precast concrete)

BALASHEV, Yu.

Device for cutting printing papers. Sov. foto 18 no. 7:54 Jl '58.
(MIRA 11:8)

(Photography--Printing papers)

BALASHEVA, I. I.: Master Med Sci (diss) -- "The proteins of the blood serum in healthy young children and in certain forms of acute disorders of digestion and nutrition". Tomsk, 1959. 12 pp (Tomsk State Med Inst), 150 copies (KL, No 12, 1959, 131)

AVDEYEVA, L.K.; BYSTRITSKAYA, T.I.; BALASHEVA, I.I., PETROPOL'
V.K.

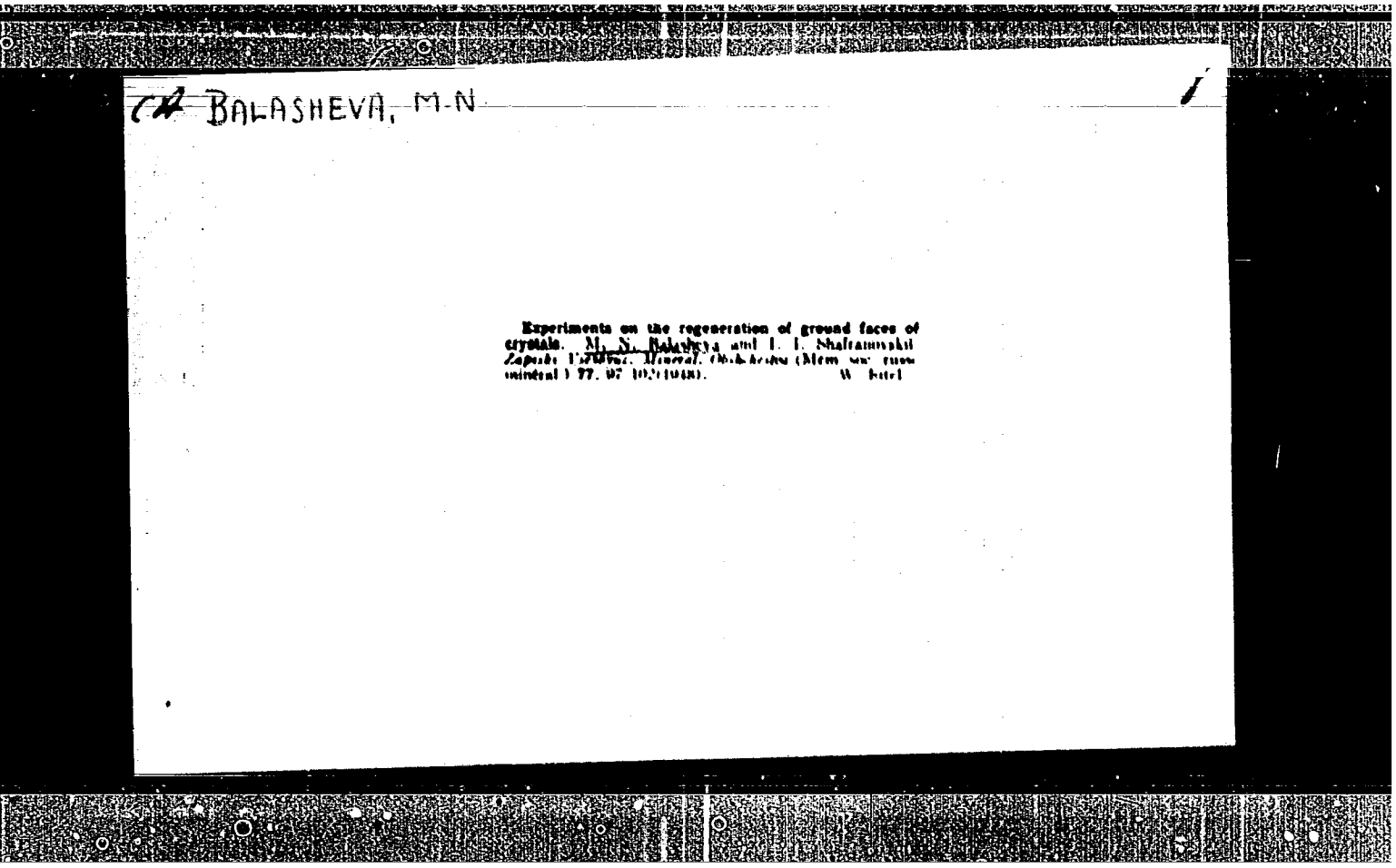
Importance of Escherichia coli in the etiology of gastrointestinal diseases in young children in Tomsk. Trudy TomNIIVS 14:71-75 '63. (MIRA 17:7)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok i Tomskiy meditsinskiy institut.

BALASHEVA, M.I.

Electrophoretic study of blood protein in young children during acute disorders of digestion and nutrition [with summary in English]
Pediatriia 36 no.5:16-21 My'58 (MIRA 11:6)

1. Iz kafedry fakul'tetskoy pediatrii (zav.-prof. A.F. Smyshlyayeva) i kafedry biokhimii (zav. - prof. L.D. Kashvnik) Tomskogo meditsinskogo instituta (nauchnyy rukovoditel' - prof. kafedry fakul'tetskoy pediatrii I.N. Osipov).
(BLOOD PROTEINS)
(ALIMENTARY CANAL--DISEASES)



BALASHEVA, M.N.

Experiments on the regeneration of ground faces of crystals. M. N. Balasheva and I. I. Shafranovskii. Zapiski Vsesoiuz. Mineral. Obshch. 77, 97-101(1948). In Russ.

BARMENKOV, A.S.; BALASHEVA, Ye.G.

Biological transformation of 16 , 17 -dihydroxy progesterone using the fungus Rhizopus nigricans. Med.prom. 16 no.7:45-46 Jl '62. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(RHIZOPUS) (PROGESTERONE)

BALASHEVA, Ye.N.; SABININA, I.G.; SEMENOVA, O.A.

Climatological description of the Kyzyl Kum. Sbor.rab. TGO no.1:5-69 '61. (MIRA 15:10)
(Kyzyl Kum--Climate)

BALASHEVA, Yelena Nikolayevna; KARAUL'SHCHIKOVA, Nina Nikolayevna; SABININA Irina Georgiyevna; SEMENOVA, Ol'ga Aleksandrovna; KOZIK, S.M., red.; VAYTSMAN, A.I., red.; SERGEYEV, A.N., tekhn. red.

[Climatological description of Surkhan-Darya Province]Klimaticheskoe opisanie Surkhan-Dar'ianskoi oblasti. [By]E.N. Balasheva i dr. Leningrad, Gidrometeoizdat, 1962. 114 p. (MIRA 15:10)

(Surkhan-Darya Province—Climate)

BALASHEVA, Yelena Nikolayevna; ZHITOMIRSKAYA, Ol'ga Moiseyevna; KARAUL'SHCHIKOVA, Nina Nikolayevna; SABININA, Irina Georgiyevna; SEMENOVA, O.A., red.; VAYTSMAN, A.I., red.; NIKOLAYEVA, G.S., tekhn. red.

[Climatic description of the Zeravshan Range region] Klimaticheskoe opisanie Zeravshanskogo raiona. [By] E.N.Balasheva i dr. Leningrad, Gidrometeoizdat, 1963. 118 p. (MIRA 16:8)

(Zeravshan Range region--Climate)

ZHUKOV, Vasiliy Andreyevich; MESYATSEV, P.P., retsenzent; LICHNOV, A.I., insh., retsenzent; SHIROKOVA, Z.G., insh., retsenzent; GUREVICH, B.D., insh., retsenzent; BASTANOV, S.S., insh., retsenzent; GOLOVINA, K.N., insh., retsenzent; BEL'TSEV, A.N., insh., retsenzent; SOLOMATIN, V.V., insh., retsenzent; MARSHEV, N.I., insh., retsenzent; MARSHEV, N.I., insh., retsenzent; BALASHEVA, T.I., insh., retsenzent; GIRSHMAN, G.Kh., red.; ANGELEVICH, N.E., red.; SOBOLEVA, Ye.M., tekhn.red.

[Technology of the manufacture of radio equipment] Tekhnologiia proizvodstva radioapparatury. Moskva, Gos.energ.izd-vo, 1959. 636 p. (MIRA 13:3)

(Radio industry)

BALASHEVA, Ye.A.

Middle and upper Ordovician and lower Silurian trilobites of the eastern Taymyr Peninsula and their stratigraphic significance. Sbor. st. po paleont. i biostrat. no.14:17-47 '59. (MIRA 13:3)

(Taymyr Peninsula--Trilobites)

SUVOROV, N.N.; FEDOTOVA, M.V.; OGARIVA, O.B.; BAIASHEVA, Ye.G.

Indole deravatives. Part 9: New synthesis of 6-methoxytryptamine.
Zhur. ob. khim. 30 no.9:3118-3123 S '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(Tryptamine)

BALASHEVA, Ye. N.

3(3) PHASE I BOOK EXPLOITATION SOV/1653

Ayzenshtat, Boris Abramovich, Yelena Nikolayevna Balasheva, and Ol'ga Moiseyevna Zhitomirskaya

Klimaticheskoye opisaniye Golodnoy stepi. (Climatic Description of the Golodnaya Steppe) Leningrad, Gidrometeoizdat, 1958. 73 p. 1,000 copies printed.

Sponsoring Agencies: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby, and Tashkent. Nauchno-issledovatel'skaya geofizicheskaya observatoriya

Ed. (Title page): L. N. Babushkin, Professor; Ed. (Inside book): L. P. Zhdanova; Tech. Ed.: M. Ya. Flaum

PURPOSE: This booklet is intended for planning and agricultural organizations connected with development of the virgin lands of the Golodnaya Steppe. It is also of interest to climatologists.

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Climatic Description of the Golodnaya Steppe SOV/1653

COVERAGE: This monograph gives a detailed description of climatic characteristics of the Golodnaya Steppe as related to the physicogeographical conditions. With the aid of numerous charts and figures it describes the general conditions, wind regime, dust storms, radiation, cloud conditions, air and soil temperatures, air moisture and drought conditions. An attempt to regionalize the area on the basis of climatological features is also made. There are three Soviet references.

TABLE OF CONTENTS:

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AVAILABLE: Library of Congress(QC990.R9206)

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5-9-59

USSR / General Biology. Individual Development. Embryonal Development. B-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 61901

Author : Balashovich, G. .
Inst : Rostov-on-the-Don University
Title : Methods of Operating on Young Sturgeon Fishes.

Orig Pub : Uch. zap. Rostovsk.-n.-D. un-t, 1956, 26, 113-114

Abstract : Sturgeon embryos were operated on after they were placed into the Ringer solution containing an increased content of Na (1%) and of Ca (0.07 - 0.09%). In such a solution, the abdominal wall of the embryos healed quicker and they lost a smaller amount of yolks.

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BALASHINSKIY, B.L.; SOKOLOV, I.I.; NILENDER, R.A., redaktor; DOROFEYEV, V.A., tekhnicheskiy redaktor.

[Electric incandescent lamps; a catalog] Elektricheskie lampy nakaliyaniia; katalog. Moskva, Biuro tekhn. informatsii, 1952. 108 p.
(MLRA 8:2)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti sredstv svyazi.
(Electric lamps, Incandescent)

IVANOV, Aleksey Petrovich; BALASHINSKIY, B.L., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor

[Electric sources of light] Elektricheskie istochniki sveta. Izd. 2-oe, perer. Moskva, Gos.energ.izd-vo, 1955. 288 p. [Electric lighting) (MLRA 8:12)

BALASHINSKIY, B.L., kandidat tekhnicheskikh nauk.

Light sources standardization. Svetotekhnika 3 no.6:5-7 Je '57.
(MLRA 10:7)

1. Moskovskiy elektrolampovyy zavod.
(Electric lamps--Standards)

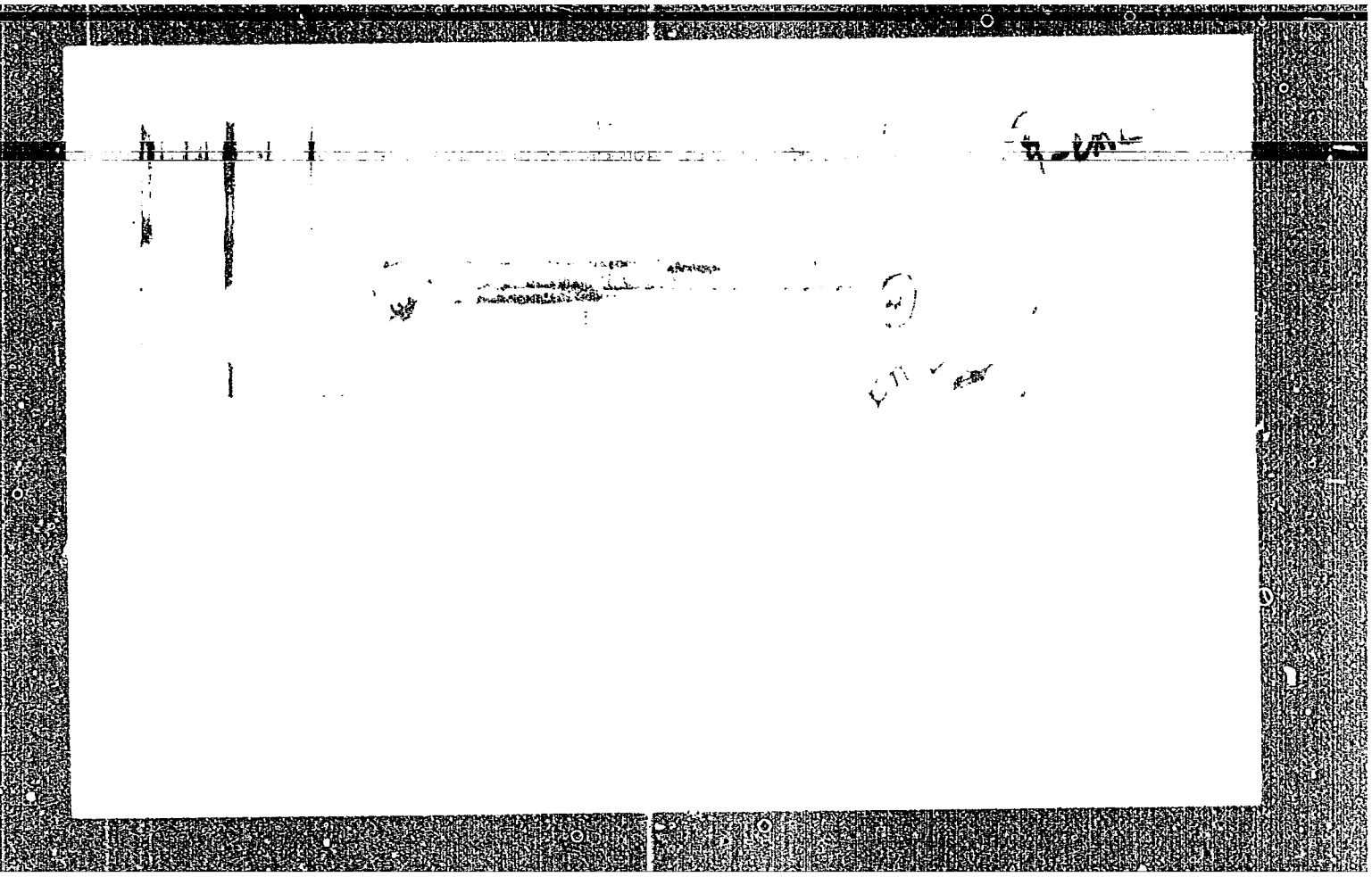
UL'MISHEK, Lev Grigor'yevich; BALASHINSKIY, B.L., red.; FRIDKIN, A.M., tekhn. red.

[Production of incandescent lamps] Proizvodstvo elektricheskikh lamp nakalivaniia. Izd.4. zanovo perer. Moskva, Gos. energ. izd-vo, 1958. 535 p. (MIRA 11:10)
(Electric lamps, Incandescent)

BALASHKO, Yu.G.

Methods of plotting near earthquakes. Trudy Geofiz.inst. no.20:75-80 '53. (MLRA 7:5)

1. Seysmicheskaya stantsiya, Irkutsk. (Seismology)



BALACHKO, Yu. G., BARIT, I. Ya., BERGMAN, A. A., CONCHAROV, Y. A., and SHAPIRO, F. L.

"Etude de Certaines Réactions Nucleaires sur les Noyaux légers pour des Particules Incidentes d'énergie Jusqu'à 1 MeV.

report presented at the International Congress for Nuclear Interactions (Low Energy) and Nuclear Structure, Paris, 7-12 July 1958.

AUTHORS: Balashko, Yu. G., Barit, I. Ya. 56-34-4-55/60

TITLE: Scattering of Deuterons on Deuterium and Tritium at Small Energies (Rasseyaniye deytronov na deyterii i tritii pri malykh energiyakh)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol. 34, Nr 4, pp. 1034 - 1036 (USSR)

ABSTRACT: In this work the cross section of the D-T-scattering is measured at the angle 90° in the energy interval from 30-300 keV in the center of gravity system. Besides at the working out of the methods the cross section of the scattering of deuterons on deuterium in the interval of the deuteron energies of from 100 - 600 keV was measured at the angle of 67° in the center of gravity system. The results obtained for 600 keV agree with those by N.P.Heidenberg (Kheydenburg) and Roberts (Ref 5). The methods used permitted the measurement carried out at very small energies (up to 70 keV) in the resonance-range of the D-T-reaction. The scattered particles were registered by means of proportionality counters. The results of the measurements for the D-D-scattering and for the D-T scattering are illustrated

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Scattering of Deuterons on Deuterium and Tritium at Small Energies 56-34-4-55/60

in 2 diagrams. For both cases there is also given the ratio between the measured cross section and the cross section of scattering by a Coulomb field at the same angle. In the range of small energies the nuclear D-D scattering is mainly an S-S scattering in the singlet state and in the quintet state. The measurements carried out in this work allow only the evaluation of the phase in the quintet state. The character of the energy dependence of the D-T-scattering in the range of small energies gives information as to the existence of a resonance-scattering. The experimental values of the scattering cross sections are close to the computed curves but always 1o-2o% lower. At the end the authors propose a precising of the measurements in this range as well as a detailed analysis of the results. There are 2 figures and 5 references, 1 of which is Soviet.

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Scattering of Deuterons on Deuterium and Tritium at Small Energies 56-34-4-55/60

ASSOCIATION: Fizicheskiy institut im. P.N.Lebedeva Akademii nauk SSSR (Institute of Physics imeni P.N.Lebedev, AS USSR)

SUBMITTED: January 22, 1958

1. Deuterons--Scattering

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21(7)

AUTHORS: Balashko, Yu. G., Barit, I. Ya., Goncharov, Yu. A. (Deceased) SOV/56-36-6-51/66

TITLE: Scattering of Protons on Tritium at Low Energies (Rasseyaniye protonov na tritii pri malykh energiyakh)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 36, Nr 6, pp 1937-1939 (USSR)

ABSTRACT: In their introduction the authors of this "Letter to the Editor" discuss the results obtained by some investigations carried out by other authors with respect to phase analyses on p-T-scattering reactions. Balashko and Barit already described a method of investigation (Ref 4), which was also used for obtaining the results dealt with by the present paper. A target chamber filled with a mixture of hydrogen and deuterium served the purpose of determining the α-yield of the reaction T(d,n)α. The elastic scattering cross section triton-hydrogen was measured at energies of the bombarding tritons of < 530 kev at three different angles. The results obtained are shown by a figure. Within the limits of experimental errors it was possible to describe the results by assuming pure s-scattering. For an interaction radius

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a = 3.10^{-13} the contribution made by the p-phase to the scattering cross section in the energy interval under investigation is not greater than 1 %. The maximum contribution (theoretically) amounts to not more than 3 %. The results obtained by a phase analysis for protons with an energy of 176.7 and 118 kev are given. The results of investigations show that scattering within the range of low energies by phases may be described according to Frank and Gammel (Ref 1). The scattering cannot be considered to be a pure potential scattering, one of the s-phases must be positive. According to references 1 and 2, a singlet phase has this positive sign. The authors finally thank I. M. Frank and F. L. Shapiro for raising the problem and for discussing the results obtained. There are 1 figure and 4 references, 2 of which are Soviet.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute imeni P. N. Lebedev of the Academy of Sciences, USSR)

SUBMITTED: February 27, 1959

BALASHKO, Yu. S., Cand Phys-Math Sci (diss) -- "Investigation of the elastic diffusion of charged particles on certain light nuclei at low energies" Moscow, 1960. 8 pp (Acad Sci USSR, Phys Inst im P. N. Lebedev), 150 copies (KL, No 14, 1960, 125)

S/056/63/044/002/033/065
B102/B186

AUTHORS: Balashko, Yu. G., Kurepin, A. B.

TITLE: Phase shift analysis of elastic scattering of protons from tritium near the $T(p,n)He^3$ reaction threshold

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44, no. 2, 1963, 610-612

TEXT: In order to check the results obtained by R. M. Frank and J. L. Gammel (Phys. Rev. 99, 1406, 1955) the authors carry out a phase shift analysis for 990 kev protons. Both the elastic-scattering cross-section anomalies near the reaction threshold and the complex angular distribution due to Rutherford scattering are taken into account. According to A. I. Baz' (ZhETF, 33, 923, 1957) the cross-section variation near the threshold can be written as

$$4\pi\Delta\sigma_3^+ = -(2kR\sin\xi - 1)X + 2kR\cos\xi\, Y - \sigma_r - D\cos\vartheta, \quad (1)$$

$$4\pi\Delta\sigma_3^- = -2kR\cos\xi X - (2kR\sin\xi - 1)Y + B\cos\vartheta.$$

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Phase shift analysis of ...

if only s- and p-waves are considered. $\Delta\sigma_s^{\pm}$ characterizes the variation of the cross-section in the interval ΔE above and below the threshold E_n in the c.m.s., σ_r is the total cross-section at $E_n + \Delta E$, k is the proton wave number at $E = E_n$, $R = z_1 z_2 e^2 / 4E_n \sin^2(\vartheta/2)$ is the Rutherford scattering amplitude, φ is the phase of Rutherford scattering at $E = E_n$, ϑ is the scattering angle in the c.m.s., D and B depend on the p-phase,

$$X = {}^1\sigma_r \cos 2{}^1\delta_0 + {}^3\sigma_r \cos 2{}^3\delta_0, \quad Y = {}^1\sigma_r \sin 2{}^1\delta_0 + {}^3\sigma_r \sin 2{}^3\delta_0 \qquad (2),$$

${}^1\sigma_r$, ${}^3\sigma_r$, ${}^1\delta_0$, ${}^3\delta_0$ are cross-sections and phases for the states ${}^1S_0$ and ${}^3S_1$. The $\Delta\sigma_s$ values were taken from points 30 kev below and above E_n; the cross-section itself was taken 100 mb; for X and Y the following was obtained: $X = (-1.2 \pm 0.5) \cdot 10^{-25}$ and $Y = (0.1 \pm 0.6) \cdot 10^{-25}$. With

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Phase shift analysis of ... S/056/63/044/002/033/065
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${}^1\sigma_r + {}^3\sigma_r = \sigma_{r\,exp} = 1.15 \cdot 10^{-25}$, the result of (1) might correspond to either (a) ${}^1\delta_0 \approx {}^3\delta_0 \approx \pi/2$ or (b) ${}^3\delta_0 \approx \pi/2$, ${}^1\sigma_r \approx 0$, or (c) ${}^1\delta_0 \approx \pi/2$, ${}^3\sigma_r \approx 0$. As the phase shift analysis, carried out with

$$X_0 = \tfrac{1}{4}\cos 2\,{}^1\delta_0 + \tfrac{3}{4}\cos 2\,{}^3\delta_0,\quad Y_0 = \tfrac{1}{4}\sin 2\,{}^1\delta_0 + \tfrac{3}{4}\sin 2\,{}^3\delta_0,$$
$$X_1 = \tfrac{1}{4}\cos 2\,{}^1\delta_1 + \tfrac{3}{4}\cos 2\,{}^3\delta_1,\quad Y_1 = \tfrac{1}{4}\sin 2\,{}^1\delta_1 + \tfrac{3}{4}\sin 2\,{}^3\delta_1, \qquad (4),$$
$$Z = \tfrac{1}{4}\cos 2(\psi + {}^1\delta_1 - {}^1\delta_0) + \tfrac{3}{4}\cos 2(\psi + {}^3\delta_1 - {}^3\delta_0)$$

shows, only (c) can be used. For E_p = 990 kev the following four solution systems are obtained:

${}^1\delta_0$	${}^3\delta_0$	${}^1\delta_1$	${}^3\delta_1$
90°	-22.5°	-2°	13°
28°	-40°	-2°	13°
100°	40°	-13°	-5°
-50°	60°	-15°	-4°

A reduction to two solutions (corresponding to the ${}^1S_0$ resonance) can be attained by using data on the threshold anomalies. The results obtained

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differ somewhat from those of Frank and Gammel and describe the scattering cross-section much better.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute imeni P. N. Lebedev of the Academy of Sciences USSR)

SUBMITTED: August 2, 1962

Card 4/4

KALASHKO, Yu. G.; KARIT, I. Ya.; DUL'KOVA, L. S.; KURBPIN, A. B.

"Elastic Scattering of Protons on Tritium at Energies below the Threshold of the p,n Reaction and Excited States of He^4."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

Inst of Physics im P.N. Lebedev, AS USSR

BALASHKO, Yu. G.; BARIT, I. Ya.; DULKOVA, L. S.; KUREPIN, A. B.

"Elastic p-T scattering below ($p\gamma n$) threshold and the excited state in He^4."

report submitted for Intl Conf on Low & Medium Energies Nuclear Physics, Paris, 2-8 Jul 64.

LebedevInst, Moscow.

ACCESSION NR: AP4037609 S/0056/64/046/005/1903/1906

AUTHORS: Balashko, Yu. G.; Barit, I. Ya.; Dul'kova, L. S.; Kurepin, A. B.

TITLE: Elastic scattering of protons by tritium at energies below the threshold of the (p, n) reaction

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1903-1906

TOPIC TAGS: proton scattering, tritium, angular distribution, proton neutron reaction, excited state, helium

ABSTRACT: The cross section for elastic scattering of protons by tritium was measured at energies from 300 to 990 keV. The maximum number of the noticeable different angles was 8 (40--150° in the c.m.s.). A detailed description of the experiment and of the data reduction will be published in Izvestiya AN SSSR, ser. fiz. A phase shift analysis of the results of the measurements of the pT scatter-

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ACCESSION NR: AP4037609

ing was carried out by the least-square method with the aid of an electronic computer, with account of only the s and p waves, and under the assumption that there is no spin-orbit interaction or a change in the spin of the channel. A phase shift analysis was also made with three and with two parameters. An increase in the number of parameters does not change essentially the average values of the phase shifts, and merely increases the limits of the errors. The resonance parameters obtained were used to calculate the cross section of the He^3 (n, p) reaction for thermal neutrons and the deviation of the energy variation of the reaction from the 1/v law at a neutron energy 30 keV. The corresponding values amount to 3100 b and 15%. The experimental value of the thermal cross section is 5400 b, and the deviation amounts to ~30%. An allowance of the contribution of the other channel can reconcile the absolute values of the thermal cross section, but it will increase the discrepancy observed in the energy dependence of the (n, p) reaction. The appearance of an excited He^4 level is demonstrated by the results, and the failure

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ACCESSION NR: AP4037609

to observe it in other investigations may have been due to experimental inaccuracy. The resonance parameters determined from the different interactions are in poor agreement with one another. Consequently the question of the values of the resonance parameters and the nature of the level cannot be regarded as completely explained.
The authors are grateful to I. M. Frank and F. L. Shapiro for suggesting the topic, interest in the work, and a discussion of the results. Orig. art. has: 4 figures.

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

SUBMITTED: 17Aug63 DATE ACQ: 09Jun64 ENCL: 01

SUB CODE: NP NR REF SOV: 004 OTHER: 009

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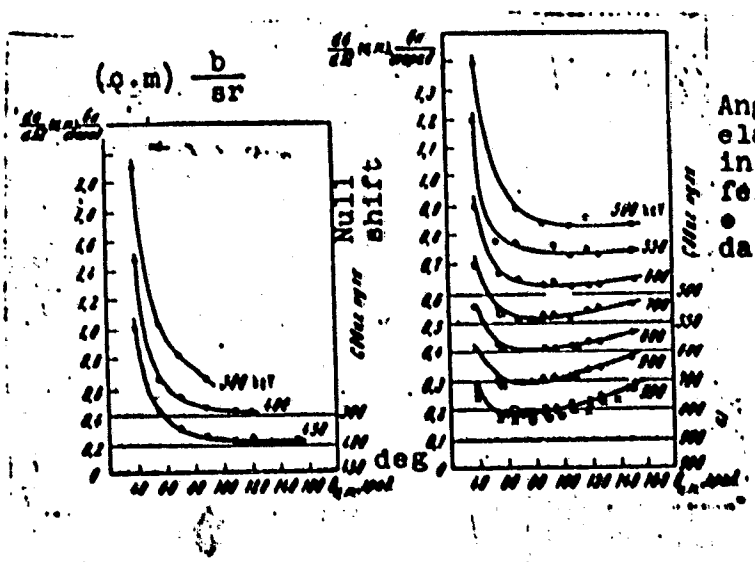
ACCESSION NR: AP4037609

ENCLOSURE: 01



Angular distribution of elastic pT scattering, in the c.m.s., for different proton energies. • - present data; other data by others.

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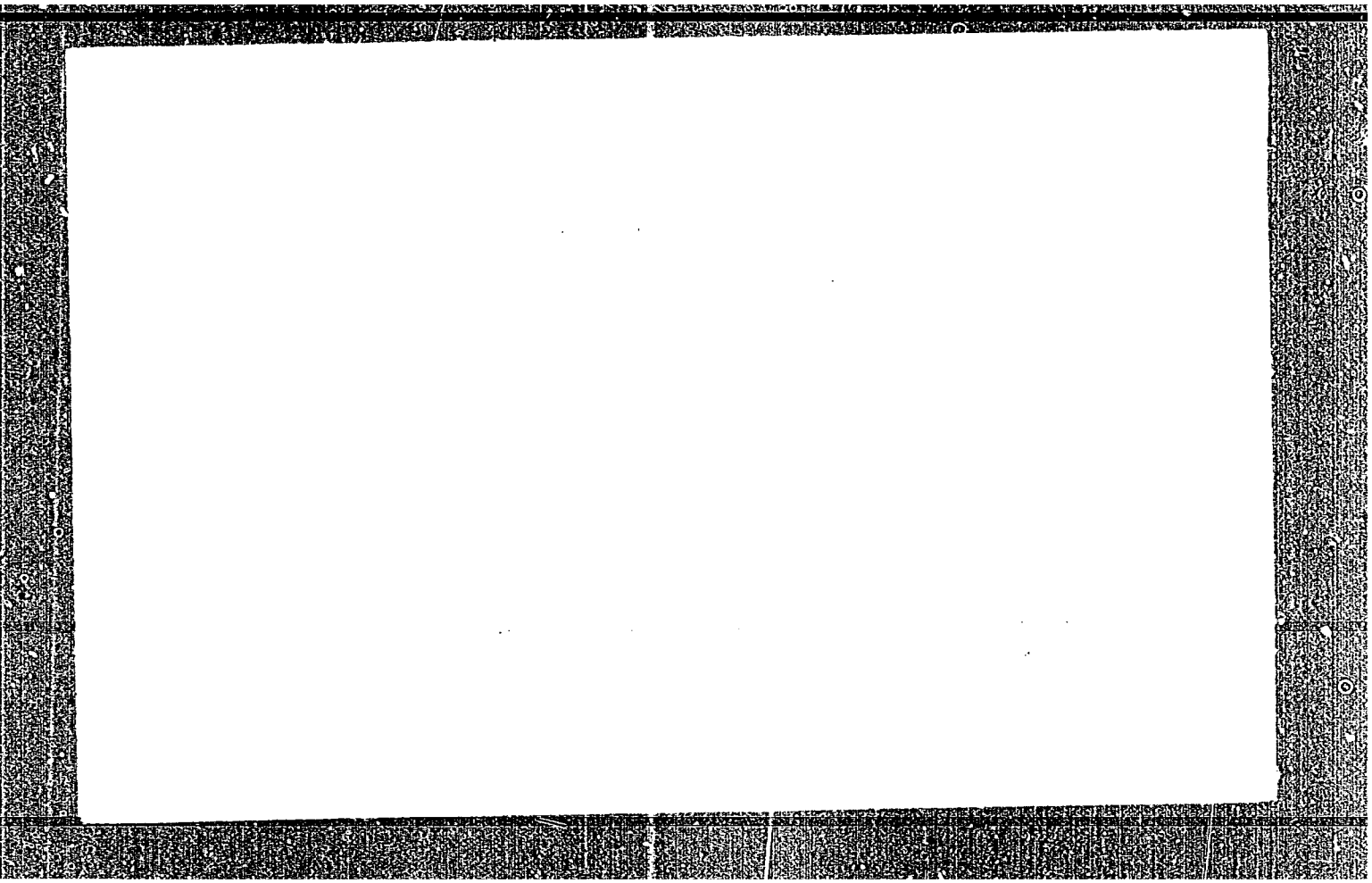
BALASHKO, Yu.G.; BARIT, I.Ya.; DUL'KOVA, L.S.; KUREPIN, A.B.

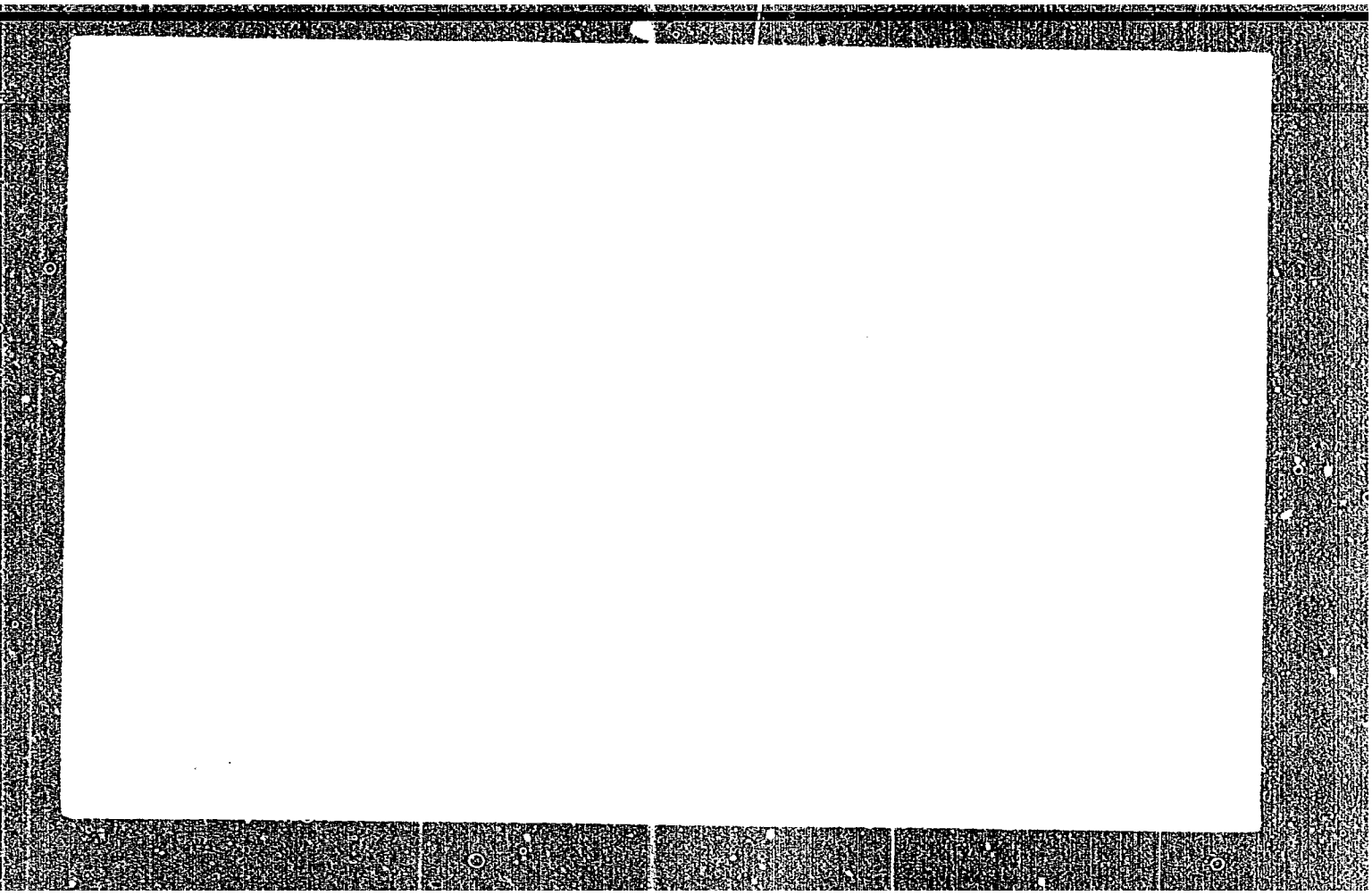
Elastic scattering of protons on tritium at energies below the (p,n)-reaction threshold. Izv. AN SSSR. Ser. fiz. 28 no.7:1124-1136 Jl '64 (MIRA 17:8)

1. Fizicheskiy institut im. P.N. Lebedeva AN SSSR.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00010



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R000103



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R000103

L 1974-66 EWT(m)/T/EWA(m)-2

ACCESSION NR: AT5018592 UR/2504/65/033/000/0066/0106

AUTHOR: Balashko, Yu. G. 44,55 44,44,55 99 45 B+1

TITLE: Investigation of elastic scattering of charged particles by some light nuclei at low energies

SOURCE: AN SSSR. Fizicheskiy institut. Trudy, v. 33, 1965. Issledovaniye atomnogo yadra s pomoshch'yu zaryazhennykh chastits i neytronov (Investigation of the atomic nucleus using charged particles and neutrons), 66-106

TOPIC TAGS: elastic scattering, charged particle, scattering cross section, phase shift analysis, deuteron scattering, triton bombardment, Alpha bombardment, helium, proton scattering

ABSTRACT: The main purpose of the investigation was to check on the existence of low lying resonant levels (near 20 Mev) of He^4. The experiments consisted essentially of measurements of the cross section for the elastic scattering of deuterons by tritium and He^3 near the maxima of the reactions $d(t,\alpha)n$ and $d(He^3,\alpha)p$, and also of the elastic scattering of protons by tritium at proton energies below 1 Mev. The possible experimental procedures are discussed and the selected procedure is described in detail. The distinguishing features of the procedure are: the use of a gas target with low pressure and of counters not separated by a window from the

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ACCESSION NR: AT5018592

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volume of the target; determination of the intensity of the bombarding particles from the yield of the reaction accompanying the scattering; and recording of coincidences between the scattered particles and the recoil nuclei. This procedure was used also to measure the cross section for elastic scattering of He^3 by deuterons and scattering of tritons by hydrogen. The reduction of the experimental data and of the published data has shown that the cross sections of the reactions $d(t,\alpha)n$ and $d(He^3,\alpha)p$ can be described by a resonant formula for one level, with the values of the resonance parameter satisfying the principle of charge independence of the nuclear forces. The cross sections for the scattering of deuterons by tritium and by He^3 are also described by a one-level resonance formula, with almost the same values of the parameters. A phase-shift analysis of the triton-hydrogen scattering at energies below 200 kev was made and has shown that a resonance at higher energies is possible. None of the data contradict the existence of a level with excitation energy near 20.5 Mev. The fact that this level does not appear in elastic scattering of deuterons by deuterium is due to its remote position and its low statistical weight. "The author thanks the laboratory director Corresponding Member AN SSSR I. M. Frank, I. Ya. Barit for guidance, Ye. M. Balabanov, V. S. Vavilov, V. Maduyev, A. N. Kuznetsov, and A. B. Kurepin for participating in various stages of the work, N. M. Kazarnovskiy and D. A. Zaikin for participating in a discussion

44.55 44.55

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L 1974-66

ACCESSION NR: AT5018592

of the results, and I. V. Shtranikh and A. Ye. Vornokov for help during the experiment. The author notes the useful part played in the measurements by tragically deceased Yu. N. Goncharov. The author also thanks the laboratory members V. A. Rozhkov, I. S. Matyatov, and Yu. N. Rybakov, radio technician V. L. Arten'yev, senior mechanic Yu. I. Shanin, and all other co-workers at the laboratory." Orig. art. has: 14 figures, 11 formulas, and 13 tables.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physics Institute, AN SSSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NR REF SOV: 012 OTHER: 049

Kc

Card 3/3

L 1975-66 EWT(m)/EWA(h)
ACCESSION NR: AT5018593

UR/2504/65/033/000/0107/0122

AUTHOR: Balashko, Yu. G.; Barit, I. Ya.

TITLE: Analysis of p-T interaction above the threshold of the reaction $T(p,n)He^3$

SOURCE: AN SSSR. Fizicheskiy institut. Trudy, v. 33, 1965. Issledovaniye atomnogo yadra s pomoshch'yu zaryazhennykh chastits i neytronov (Investigation of the atomic nucleus using charged particles and neutrons), 107-122

TOPIC TAGS: elastic scattering, proton scattering, triton bombardment, helium, phase shift analysis, scattering cross section

ABSTRACT: The authors analyze all the available data on p-T interactions, including measurements of the elastic scattering cross sections, of the anomaly of the cross section near threshold, of the cross sections of the reaction $T(p,n)He^3$, and of the polarization in the reaction and in the scattering. The analysis is quite general, with a minimum of simplifying assumptions. Unlike earlier papers dealing with this subject, the authors take into account the reaction produced during the elastic scattering and the spin-orbit splitting. Only unambiguous phase-shift results which have physical meaning are included in the analysis. The simplifying assumptions still included are that the partial waves with angular momenta ≥ 2 make a negligible contribution, that there is only one resonant level in the singlet S state,

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ACCESSION NR: AT5018593

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and that no spin flip takes place in the elastic scattering or in the reaction. The scattering phase shift and the cross section of the reaction in the state ^1S are calculated and a phase-shift analysis of elastic scattering is made. The results are still not conclusive enough to provide definite conclusions concerning the existence of a He^4 level with ~20 Mev excitation energy. Nor do they provide any quantitative data on the behavior of the interaction above 2.7 Mev. The polarization of the elastically scattered protons is -2 ± 4 and -10 ± 25% for 1.5 and 2.0 Mev respectively (at 110° angle), but in view of the general complexity of the interaction, there is need for more polarization experiments at low energies. Further theoretical and experimental study of other processes proceeding via the compound nucleus He^4 are also necessary. "The authors thank A. B. Kurepin for participating in the work and a discussion of the results, and L. P. Konstantinova for the computer programming and calculations." Orig. art. has: 4 figures, 13 formulas, and 1 table.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physics Institute, AN SSSR)

SUBMITTED: 00 ENCL: 00 SUB CODE: NP

NR REF SOV: 006 OTHER: 012

Card 2/2

BALASHKOV, A.

For complete technical training. Voen. znan. 39 no.6:16-17 Je '63. (MIRA 16:8)

1. Predsedatel' Stavropol'skogo kraevogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.
(Stavropol Territory--Agricultural machinery)

BALASHOV, A.

Personnel training and performance control is a guarantee of success. Den.i kred. 19 no.5:64-66 My '61. (MIRA 14:5)

1. Glavnyy bukhgalter Nerekhtskogo otdeleniya Gosudarstvennogo banka. (Nerekhta District—Banks and banking—Accounting)

BALASHOV, A.

Executive officer's control over payment operations. Den.i kred. 21 no.4:54-55 Ap '63. (MIRA 16:4)

1. Glavnyy bukhgalter Nerekhtskogo otdeleniya Gosbanka.
(Nerekhta--Banks and banking)
(Auditing and inspection) (Nerekhta--Payment)

BALASHOV, A.A., insh.; LIVANOV, V.F., insh.

Making details of large-panel apartment houses of the 1-335 series. Transp.stroi. 10 no.5:25-29 My '60. (MIRA 13:7)

(Apartment houses)
(Precast concrete construction)

BALASHOV, A.A.; LOSSIYEVSKIY, V.L.; CHERNYSHEV, V.N.; SHVAB, A.F.; SHELEMIN, B.V.; ANDREYENKO, Z.D., red.; POPOVA, S.M., tekhn. red.

[Flow sheets and means of automation of radiochemical industries; automation of radiochemical extraction processes] Skhemy i sredstva avtomatizatsii radiokhimicheskikh proizvodstv; k voprosu ob avtomatizatsii radiokhimicheskikh ekstraktsionnykh protsessov. Moskva, Gosatomizdat, 1963. 186 p. (MIRA 17:2)

L 2620-66 EPA(s)-2/EWT(m)/EWP(i)/EWP(v)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) IJP(c)
JD/HM
ACCESSION NR: AP5011368 UR/0365/65/001/002/0238/0239 57
620.197.6 54
621.357.7 B

AUTHOR: Atanasyants, A. G.; Izmaylov, A. V.; Balashov, A. A.; Savel'yeva, V. N.
44,55 44,55 44,55 44,55

TITLE: Deposition of metallic platings on welded products of titanium and its alloys
15 15 44,55,27

SOURCE: Zashchita metallov, v. 1, no. 2, 1965, 238-239

TOPIC TAGS: titanium alloy, titanium, metal deposition, nickel plating, copper plating, electroplating

ABSTRACT: A technique recommended for preparation of high quality copper platings on welded articles of titanium or its alloys is described in detail. It consists of the following steps: 1. mechanical removal of the sinter (only for gas welded samples); 2. degreasing with organic solvents; 3. etching at 70°C for up to 30 min in a solution containing (vol. %): conc. HF-5, conc. H_2SO_4-35, and H_2O-60; 4. copper plating at 20°C for 2 min at a current density of 1-2 A/100 cm^2 in a solution containing (g/l): $CuSO_4 \cdot 5H_2O$-250, conc. H_2SO_4-50, and conc. HF-50, up to complete

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L 2620-66

ACCESSION NR: AP5011368

3

surface coverage with copper; 5. washing in cold water; 6. usual copper plating for 15 min in a copper sulfate solution; 7. washing in cold water; 8. drying; 9. holding for 1 hour at 250-300°C; 10. passivation in a usual solution; and 11. plating with any desired metal using either an electrochemical or chemical plating technique (e. g., chemical nickel plating).

ASSOCIATION: Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti (Moscow Technological Institute of the Meat and Diary Industry)

44.55

SUBMITTED: 03Oct64 ENCL: 00 SUB CODE: IE, MM

NO REF SOV: 004 OTHER: 000

Card 2/2 DP

BALASHOV, A.A., inzh.; LIVANOV, V.F., inzh.

Large-panel cellular-concrete houses of the 1-468 series. Transp. stroi. 10 no.9:23-25 S '60. (MIRA 13:9)
(Lightweight concrete) (Apartment houses)

IVANOV, A.V.; KALMYKOVA, S.B.; SHEBEKINA, L.A.; [illegible], A.A.

Electroless nickel plating of magnesium in pyrophosphate solutions. Izv. vys. ucheb. zav.; khim. i khim. tekh. 7 no.4:693-694 '64. (MIRA 17:12)

1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti.

IVANOV, G.S., kand.tekhn.nauk; BALASHOV, A.A., inzh.; ISAYEV, N.M., inzh.; KARAMYSHEV, I.A., inzh.; LIVANOV, V.F., inzh.

Increase the production and improve the quality of reinforced concrete crossties. Transp. stroi. 14 no.8:23-25 Ag '64. (MIRA 18:1)

ATANASYANTS, A.G.; IZMAYLOV, A.V.; BALASHOV, A.A.; SAVEL'YEVA, V.N.

Metal plating of welded objects of titanium and its alloys. Zashch. met. 1 no.2:238-239 Mr-Ap '65.

(MIRA 18:6)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti.

KOLOTOVA, A.A.; PROKOPENKO, K.F.; BALASHOV, A.A.

Deposition of a tin-zinc alloy from a pyrophosphate electrolyte. Zashch. met. 2 no.1:85-89 Ja-F '66. (MIRA 19:1)

1. Submitted April 14, 1965.

BALASHOV, A.A.

Converting enterprises to the production of parts of buildings in the comprehensive series 1-467A. Transp. stroi. 16 no.1: 18-21 Ja '66. (MIRA 19:1)

1. Glavnyy spetsialist Gosudarstvennogo instituta proyektirovaniya predpriyatiy promyshlenno-transportnogo stroitel'stva.

BALASHOV, A.G.; NIKONOVA, I.S.

Improvement of the Gravinskii system pneumatic valve. Gidroliz. i lesokhim.prom. 15 no.2:25-27 '62. (MIRA 18:3)

1. Tavdinskiy gidrolizhnyy zavod.

ACC NR: AP6003325 (A) SOURCE CODE: UR/0365/66/002/001/0085/0089

AUTHOR: Fedulova, A. A.; Prokopenko, K. P.; Balashov, A. A.

ORG: Scientific-Research Technological Institute (Nauchno-issledovatel'skiy tekhnologicheskiy institut)

TITLE: Electrodeposition of a tin-zinc alloy from a pyrophosphate electrolyte

SOURCE: Zashchita metallov, v. 2, no. 1, 1966, 85-89

TOPIC TAGS: tin base alloy, tin compound, zinc containing alloy, zinc compound, metal coating, electrodeposition, electrolyte, CURRENT DENSITY

ABSTRACT: The electrolyte recommended by T. L. Ramacher and J. Vaid (Metalloberflache A, 1962, 16, no. 3, 70) was, with some changes, used in the present study. Tin and zinc pyrophosphates were replaced by tin and zinc sulfates because Soviet industry does not produce the former. The electrolyte for the deposition of an alloy containing 80% Sn and 20% Zn consisted of 9.6 ± 1 $SnSO_4$, 8.4 ± 1 $ZnSO_4$, 138 ± 20 $Na_4P_2O_7$, and 1.0 g/l bone glue. The electrolyte had a temperature of 65 ± 5C and a pH of 9.3-9.5. The alloy, containing 80% Sn and 20% Zn was used as an anode. The effect of the ratio of anode surface to cathode surface ($S_a : S_c$) on the initial and final concentration of metals in the electrolyte was studied at a cathode current density of D_c = 1 amp/dm^2. An $S_a : S_c \geq 3$ was necessary for retaining a constant concentration of salts in the

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UDC: 621.357.7 : 669.38

L 40549-66

ACC NR: AP6003325

electrolyte. The increase in current density in most cases decreased the content of tin in the alloy, especially at concentrations of 100 and 200 g/l of free pyrophosphate. A study was made of the effect of various admixtures on maximum permissible current density, on current efficiency, and on the quality of the coatings (deposits). The presence of NH_4NO_3 at a current density of 1 amp/dm^2 resulted in the formation of bright fine-crystalline deposits. Instability of the electrolyte was observed during storage: Sn^{4+} accumulated in solution after 3-5 hr. The deposits were rough, gray, and banded in the presence of 3 g/l of Sn^{4+} in the electrolyte. The addition of 1 g/l of ammonium citrate resulted in a sharp decrease in the oxidation of tin. The content of Sn^{4+} increased by 1.7-2.36 g/l during storage of the original electrolyte, whereas in the electrolyte with the addition of 1 g/l of ammonium citrate it decreased during the same time by 0.8-0.72 g/l. The combined addition of 1 g/l ammonium citrate and 1 g/l NH_4NO_3 increased the current efficiency at D_c = 1 amp/dm^2. Mixing (stirring) of the electrolyte and increasing its acidity at all values of D_c (0.5-1.5 amp/dm^2) resulted in a strong increase in the content of tin in the alloy (up to 98-100%). The addition of 1 g/l $NiSO_4$ increased the microhardness of the coating from 21 to 32 kg/mm^2 and improved the quality of the coating (it became more bright and had finer crystals). Copper and lead affected the quality of the deposit unfavorably. They were extracted by treatment at a low current density. The 80% Sn + 20% Zn alloy (9-12 μ thick) deposited on brass passed the corrosion test without change for 30 days at 40C and at a relative air humidity of 96 - 89%. The corrosion tests showed that steel samples should have a 6 - 9 μ-thick sublayer of copper with a thickness of the Sn-Zn coating

Card 2/3

L 40849-66
ACC NR: AP6003325

of ≥18-24 μ. The alloy responded well to pressing into plastics of the K-21-22 and AG-4 types and to soldering under alcohol-colophony flux. Orig. art. has: 10 tables and 1 fig.

SUB CODE: 13,11/ SUBM DATE: 14Apr65/ ORIG REF: 005/ OTH REF: 003

Card 3/3 MLP

BALASHOV, A.I., STULOV, T.T.(Moskva)

Water cleaning installation for oil field flooding. Stroi.pred.neft. prom. 1 no.9:6-10 N '56. (MLRA 10:1)

1. Zamestitel' glavnogo inzhenera Giprospetsnefti (for Balashov).
2. Glavnyy konstruktor Giprospetsnefti (for Stulov)
(Oil field flooding) (Water--Purification)

BALASHOV, A.I.; VISHNEV, L.A.; KARASEV, K.A.

Training rooms for crane operators. Besop.truda v prom. 1 no.7:33-34 Jl '57. (MLRA 10:7)

1. Kolomenskiy teplovozostroitel'nyy zavod im. V.V. Kuybysheva.
(Cranes, derricks, etc.)

BALASHOV, A.I., inzhener; POTEKHIN, K.A., inzhener.

Perfect the water-supply system for edge-water drive. Stroi.pred. neft.prom.2 no.10:22-24 O '57. (MIRA 10:10)
(Water supply) (Oil field flooding)

BALASHOV, A.I., insh.; REYMBERG, L.Ya., insh.

Kama aqueduct. Stroi. pred. neft. prom. 3 no.3:18-22 Mr '58.
(Tatar A.S.S.R.--Water supply) (MIRA 11:6)

YEMEL'YANOV, V.L.; BALASHOV, A.I.

Satisfy demands for literature on oil field flooding. Stroi. pred. neft. prom. 3 no.5:31 My '58. (MIRA 11:7)
(Oil field flooding)

BALASHOV, A.; RUBINSHTEYN, S.

First All-Russian conference on the consolidation of data on designing, constructing, and operating water supplying systems for oil field flooding. Neft. khoz. 38 no.10:69-70 O '60. (MIRA 13:9)

(Oil field flooding)

BALASHOV, A.I.

In the State Institute for the Planning of Special Industrial Structures of the Ministry of Construction of the R.S.F.S.R.
Vod.i san.tekh. no.3:37-38 Mr '62. (MIRA 15:8)
(Sewerage) (Water-supply engineering)

BALASHOV, A.I.

"Programming, construction, and operation of water-supply systems for oil field flooding." Reviewed by A.I. Balashov. Vod. i san. tekh. no.8:39-40 Ag '62. (MIRA 15:9)
(Oil field flooding)

BALASHOV, A.I.; ARONOV, S.N.; YERESNOV, N.V.; MOSKVITIN, A.S.; NEMIROVSKIY, D.B. [deceased]; RUBINSHTEYN, S.L.; POPOVA, V.V.; KHASKIN, S.A.

"Handbook on water supply and sewerage." Reviewed by A.I. Balashov and others. Vod. i san. tekh. no.12:32-34 D '62. (MIRA 15:12)

(Water supply)
(Sewerage)

L 3950-66 EWP(m)/EWP(i)/EWA(d)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) MJW/JD/HW
ACCESSION NR: AP5023378 UR/0193/65/000/007/0039/0041
621.747.54-523.3

AUTHORS: Adamson, Ye. N.; Kononov, V. M.; Balashov, A. M. 49 B

TITLE: Experiment on the application of the electrohydraulic effect for cleaning of cast parts

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 7, 1965, 39-41

TOPIC TAGS: electrohydraulic effect, electric discharge, casting cleaning, electrohydraulic cleaning, foundry machinery

ABSTRACT: The electrohydraulic effect (electric discharge in a fluid) was used to remove sand molds and ceramic inserts from complicated cast aluminum (AL-9) and steel parts in the apparatus shown in Fig. 1 on the Enclosure. The cast parts 1 are placed in a water bath 2 under the electrodes 3. The discharge is produced by condenser 8 charged by high voltage supply 10 through rectifier 9 and controlled by air gap 7. This method for cleaning castings (with subsequent washing and drying) was found to have certain advantages over other methods, and it permits complete recovery of the mold materials. The specifications and capacity of the installation are presented in detail. Orig. art. has: 2 figures and 1 table.

Card 1/3

L 3950-66
ACCESSION NR: AP5023378

ASSOCIATION: none

SUBMITTED: 00 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/3

L 3950-66

ACCESSION NR: AP5023378

ENCLOSURE: 01

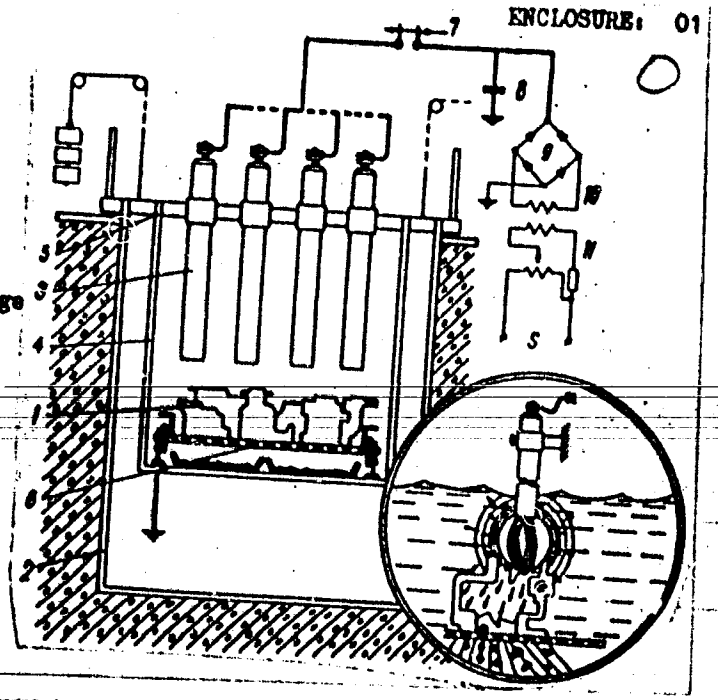


Fig. 1. Electrohydraulic discharge cleaning installation

Card 3/3 OP

BALASHOV, Aleksandr Nikolayevich; BOZHENKO, Aleksandr Mikhailovich; KAZAKOV, Boris Nikolayevich; SOLONTSOV, Z., red.; DANILINA, A., tekhn.red.

[Egypt in struggle and at work; travel notes] Egipet v bor'be i trude; putevye zametki. Moskva, Gos.izd-vo polit.lit-ry, 1957. 61 p. (MIRA 10:12)
(Egypt--Description and travel)

[redacted], I. M.

Pharmacists

Proper selection and training of personnel. Apt. delo no. 1, 1952.

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

1. BALASHOV, A. N.

2. USSR (600)

4. Medical Instruments and Apparatus

7. Pharmacy on the 35th anniversary of the Great October Revolution. Apt. delo. No. 5, 1952.

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

BALASHOV, A.N.

Improving training of pharmacy personnel. Apt. delo 3 no.4: 29-32 Jl-Ag '54. (MLRA 7:8)

1. Iz GAPU Ministerstva zdravookhraneniya SSSR.
(PHARMACY, education,
*Russia)

Train Personnel

L 13021-66 EWT(l)/EWT(m)/EWA(d)/T/EWP(t) IJP(c) JD/JM

ACC NR: AP6009516 SOURCE CODE: UR/0413/66/000/005/0037/0037

AUTHOR: Balashov, A. N.; Shnayderman, V. I.

ORG: none

TITLE: A method for making electrical resistors from microwire. Class 21, No. 179367

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 37

TOPIC TAGS: microwire, resistor

ABSTRACT: This Author's Certificate introduces a method for making electrical resistors from microwire in glass insulation on the basis of Author's Certificate No 114718. The metal is heated to the melting point so that the forces of surface tension convert the wire into a system of small spheres connected by thin bridges. The metal is preheated to a temperature close to the melting point and a current pulse is then sent through the wire. This pulse gives sufficient extra current to melt the wire and has a duration somewhat shorter than the time required for sphere formation.

SUB CODE: 09/ SUBM DATE: 23Dec64/ ORIG REF: 000/ OTH REF: 000

UDC: 621.316.842-
-181.4

Card 1/1

BALASHOV, A.P., zasluzhennyy vrach RSFSR; MIN'KO, M.F. (Chita)

Ruptures of the bronchi in closed thoracic trauma. Khirurgiia no.10:110-113 '64. (MIRA 18:8)

BALASHOV, A. P.

Balashov, A. P. - "On the peculiarities of the course of or upon pneumonia", Trudy Astrakh. gos. med. in-ta, Vol. IX, 1948, p. 12[illegible]-22.

SO: u-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

BALASHOV, A.P.; BEBRIS, K.D.; VERESOTSKAYA, N.V.; DANOVICH, L.Ye.; DRIGUN, V.N.; KABICHKINA, S.I.; NOVIKOV, M.I.; SOKOLOV, V.D.

Improvement of the methods for the preparation of tread rubber compounds based on BR under the conditions of Dnepropetrovsk Tire Factory. Kauch. i rez. 23 no. 3:5-9 Mr '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti i Dnepropetrovskiy shinnyy zavod.

BALASHOV, A.F., zasluzhennyy vrach RSFSR; ZINOV, A.M. (Chita)

Perforating gastric and duodenal ulcers in young persons. Sov. med. 28 no.1:45-48 Ja '65. (MIRA 18:5)

BALASHOV, A.V.

Press-shears used for cutting steel cables. Elek.i tepl.tiage 3 no.6:11 Je '59. (MIRA 12:9)

1. Starshiy inzhener Zlatoustovskogo otdeleniya, Yuzhno-Ural'skoy dorogi.

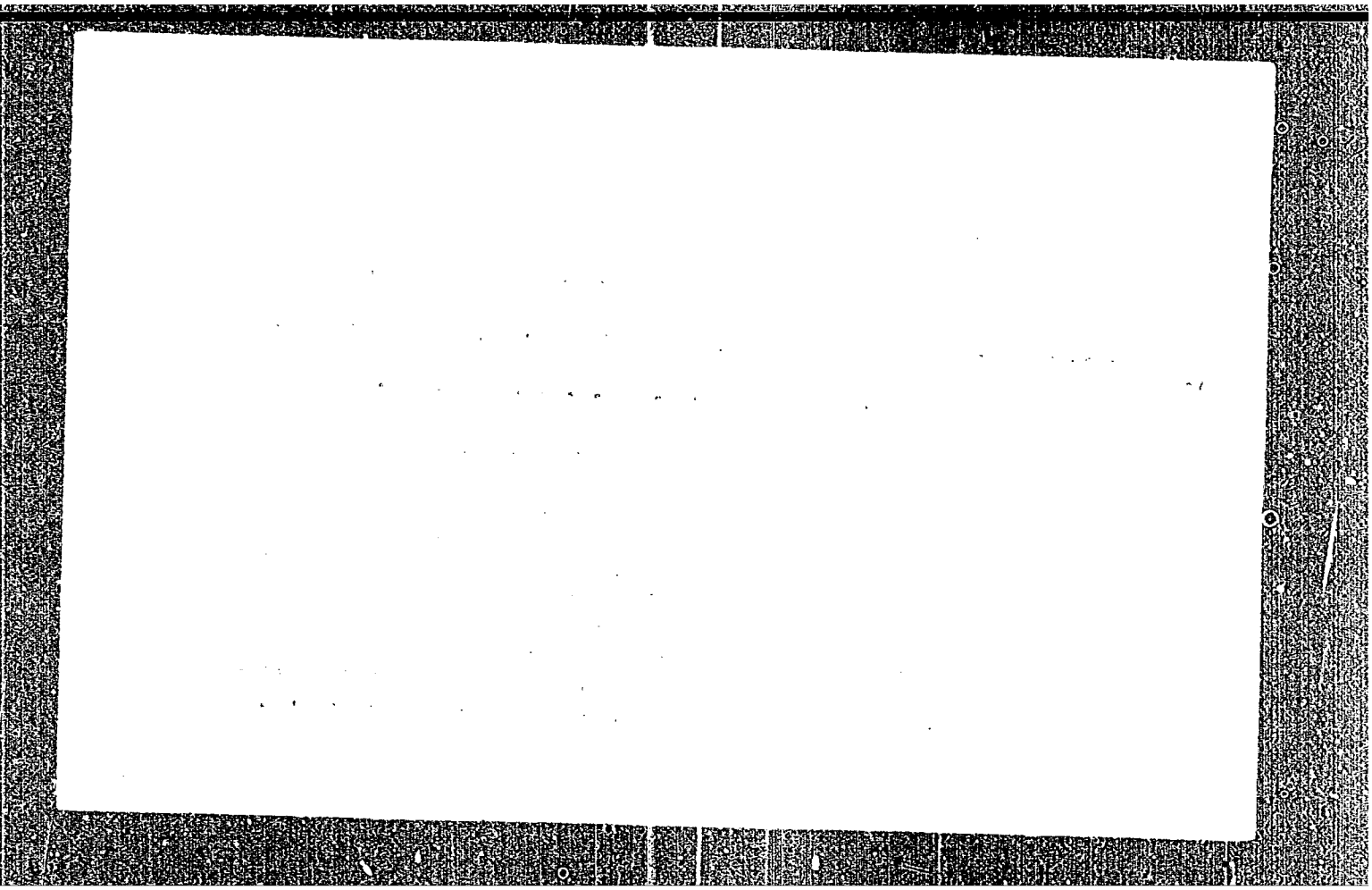
(Shears(Machine tools))

BALASHOV, A.V.

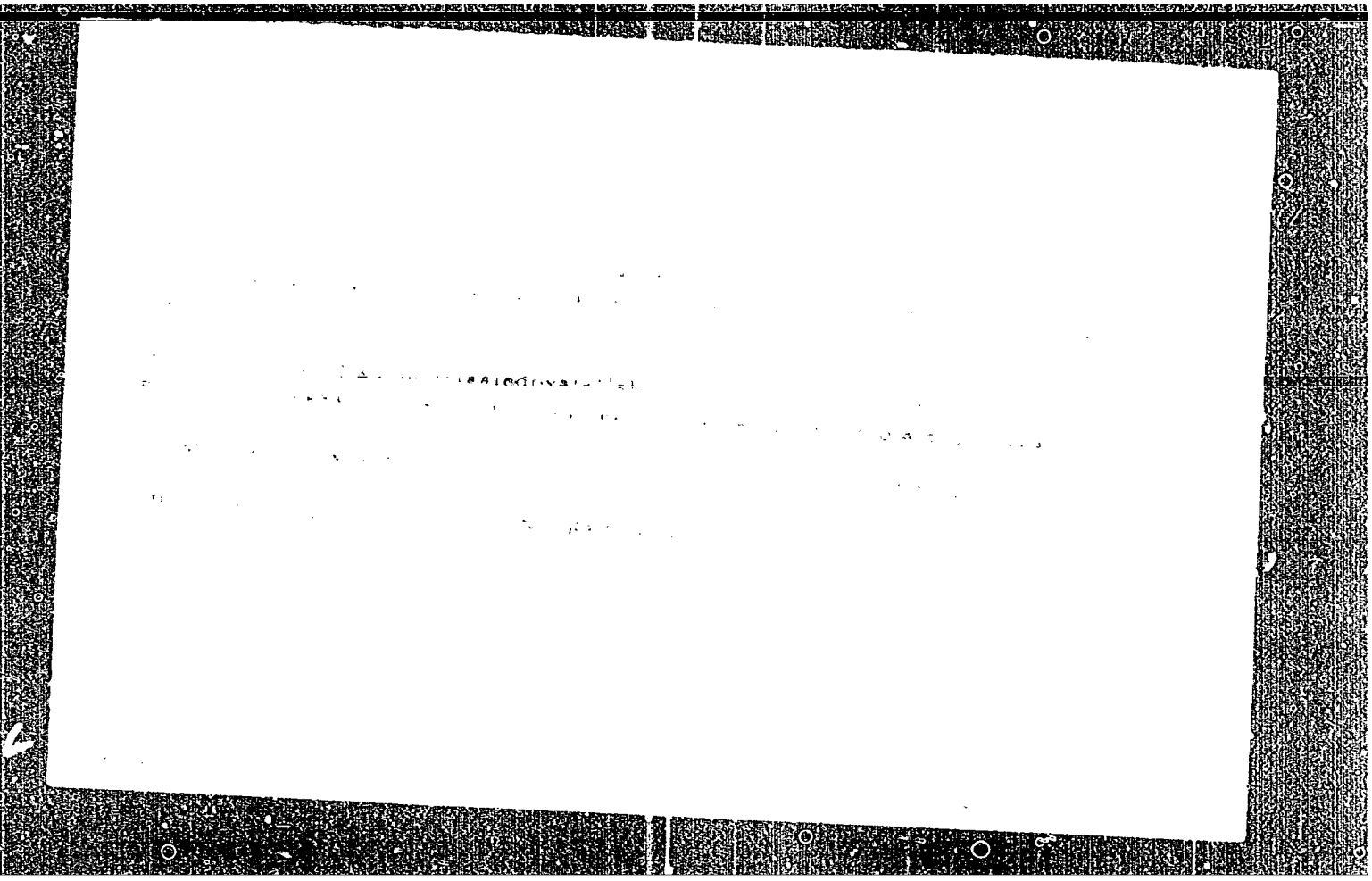
Special signaling is needed at gaps in the contact network.
Elek.i tepl.tiaga. 4 no.6:44 Je '60. (MIRA 13:8)

1. Starshiy inzhener lokomotivnogo otdela Zlatoustovskogo otdeleniya Ushno-Ural'skogo dorogi.

(Electric railroads--Signaling)
(Electric railroads--Wires and wiring)



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R000103



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R000103

BALASHOV, B., inzh.; GERASIMOV, I., inzh.; ZAKHAROV, N., insh.

Results of boiler operation on sulfurous mazut with the NP-102 additive of the All-Union Scientific Research Institute of Petroleum and Natural Gas. Mor. flot. 24 no.8:25-26 Ag '64. (MIRA 18:9)

OMAROV, A., kand.ekon.nauk; ANTIPINA, L., red.; BALASHOV, B., red.; SHLENSKAYA, M., tekhn.red.

[Economics of your enterprise; articles on the economics of socialist industry] Ekonomika tvoego predpriiatiia; sbornik statei po ekonomike sotsialisticheskoi promyshlennosti. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 174 p.
(Industrial management) (MIRA 14:6)

BALASHOV, B.

Highway transport workers of Kirghizistan. Avt. transp. 39 no.5: 7 My '61. (MIRA 14:5)

1. Predsedatel' Kirgizskogo respublikanskogo komiteta profsoyuza rabotnikov svyazi, rabochikh avtotransporta i shosseynykh dorog. (Kirghizistan---Highway transport workers) (Trade unions)

USSR/Nuclear Physics - Hyperons

Card 1/1 Pub. 146 - 1/28 FD-2960

Author : Balandin, M. P.; Balashov, B. D.; Zhukov, V. A.; Pontekorvo [Pontecorvo], B. M.; Selivanov, G. I.

Title : Possibility of the formation of Λ^0 particles by protons with energies up to 700 Mev

Periodical : Zhur. eksp. i teor. fiz., 29 September 1955, 265-273

Abstract : The authors attempt to observe the formation of Λ^0 particles during collision of protons with energies of 670 Mev with carbon nuclei. In principle the experiments permitted them to record Λ^0 particles decaying according to the following scheme: $\Lambda^0 \rightarrow n + \pi^0$. They detected gamma rays from the decay of π^0 mesons by means of a telescope consisting of scintillational and Cherenkov counters. They find that the cross section of formation of Λ^0 particles has a value approximately equal or less than 10^{-31} cm^2/nucleon. They draw conclusions concerning the mechanism governing the formation of Λ particles. The authors thank V. V Krivitskiy and A. I. Mukhin for assistance in setting up the collimator. Ten references, mainly western and to Otchet IYaP AN SSSR.

Institution : Institute of Nuclear Problems, Academy of Sciences USSR [IYaP AN SSSR]

Submitted : June 2, 1955

BALASHOV, B. F.

Balashov, B. F. "The determination of tensions in the crankshafts of series motors in testing for fatigue through torsion," Dinamika i prochnost' aviadvigateley, Moscow, 1949, p. 100-07.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

[redacted], S. T. Cand Tech Sci

Dissertation: "Investigation of the Causes of Strength Increasing by Nitriding."

4/5/50

Moscow Aviation Technological Inst

SO Vecheryaya Moskva
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