

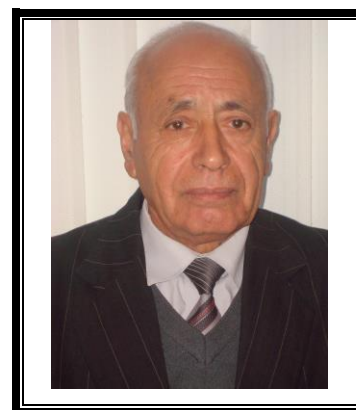
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# Khanvali Abdullayev

*Candidate of Physics and mathematics, associate professor of BSU Structure of matter*

*İş telefonu: +(994) 12 439 09 14*

*e-mail:*



## PERSONAL DATA

1936 was born in village Vagudi, area Sisianskogo.

1944-1954 studied in Vagudi high school.

## EDUCATION AND AKADEMIK

1954-1957 student, Physical Faculty, ASU.

1957-1960 student, the Leningrad State University.

Since 1968 works on faculty « Structure of matter » department, BSU.

## COMPLETE PROFESSIONAL BACKGROUND

Since 1968 to this day on faculty « Structure of matter » BSU

What subjects conducts: Optics, Nuclear physics, Nuclear physics.

Number of articles: 80

Number of books: 6

Number of patents: 2

The executed experiments: Experiments on a nuclear reactor.

## PRESENT RESEARCH INTERESTS

Research of interaction of neutrons with nucleus by means of various models of a nucleus

## INTERNATIONAL CONFERENCES, SYMPOSIUMS

All-Union Conference on neutron physics; the International conference on nuclear spectroscopy and structure of a nucleus; Actual problems of physics. Interuniversity scientific conferences on actual problems of physics.

## LIST OF SELECTED PUBLICATIONS

1. Абдуллаев X.III. Evaluation of elastic scattering of neutrons tin within the framework of optical model of a nucleus. The bulletin of the Baku University, № 3, 2003.
  2. Abdullayev X.Ş. *Analysis of elastic neutron scattering from carbon by the optical model.* MEA Fizika institutu, «Fizika» jurnalı, 2003
  3. Abdullayev X.Ş. The description of effective sections of an elastic of neutrons iron by means of optical model of a nucleus. Reports of Academy of sciences AR. Republican Scientific Conference, 2004.
  4. Abdullayev X.Ş. The description of effective sections of an elastic scattering of neutrons copper. Republican Scientific Conference, 2004.
  5. Abdullayev X.Ş. The description of effective sections of an elastic scattering of neutrons carbon by means of optical model of a nucleus. Magazine " Physics " of Institute of Physics of the Academy of sciences, 2004.
  6. X.Ş.Abdullayev. Influence shell structures of nucleus Ca and Ni on polarization elastic dispelled
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neutrons. Bulletin BQU, 2005.

7. Abdullayev X.Ş. Estimation of effective section of response  ${}_{7}N^{14}(n,\gamma)_{6}C^{14}$ . Bulletin BQU, 2006.
8. Abdullayev X.Ş. Examination of an elastic scattering of neutrons by lead. Bulletin BQU, 2006.
9. X.Ş.Абдуллаев. The description of a dispersion of protons and neutrons with energy 14 MeV on nucleus Fe56. Bulletin BQU, № 4, p.165, 2008.
10. X.Ş.Абдуллаев, О.Ш.Баьырова, Г.А.Турабова. The description of an elastic scattering of neutrons argentum by means of optical model of a nucleus. Institute physical problems: «the Modern problems of physics» Materials of II Republican conference, 2008, page 81-84.
11. X.Ş.Абдуллаев. Definition of parameter of spin dependence of an inelastic dispersion of neutrons. Journal of Qafqaz University № 23, November 2008, page 90.
12. Abdullaev H.Sh., Mamedov M.Sh., Ibragimov N.A. The estimate of neutron jute pulp. Actual Problems of Physics, dedicated to the 80th anniversary of Academician BS Asgarov. Materials of the International Scientific Conference, 6 December 2013, p. 211
13. H.Sh.Abdullaev, M.Sh.Mamedov, The Neutron Sequences in the Statistical Theory of Nuclear Reactions. BSU news, "Fiz.riy.elm.sermieri" N2, 2015, p.162-165.
14. Abdullayev H.Sh, B.A Najafov, N.A Ibragimov. Оценка сечения реакции  ${}_{6}Li(n,\alpha)t$ . International conference: modern trends in physics 20-22 april 2017, Baku, s.12-14.

#### **КНИГИ**

- 1.«Practicum of nuclear physics », 1997, 170 с.
2. «Laboratory works of nuclear physics», 2003, 183 с.
3. «Nuclear physics», 2006, 310 с.
4. «Problems nuclear physics», 2008, 220 с.
5. Abdullayev H.Sh. "Nuclear Physics" Textbook, Baku University, 310s, new edition, 2010.
6. E.Masimov, H.Sh.Abdullayev. Fundamentals of nuclear physics and nuclear magnetic resonance. Textbook for high school students. Baku, 2015, 511 p.

#### **УЧАСТИЕ В ГОСУДАРСТВЕННЫХ И МЕЖДУНАРОДНЫХ ПРОГРАММАХ И ГРАНТЫ**