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Education

- ✓ B.Sc, Physics, University of Kashan - 2005
- ✓ MS, Physics, Semnan University - 2009
- ✓ PhD, Elementary Particle Physics and Field Theory, Semnan University - 2015

Courses

- | | |
|---|---------------------------------|
| 1. General Physics1 | 2. Quantum Mechanics1 |
| 3. Advanced Elementary Particle Physics 1 | 4. Basic Physics 2 |
| 5. Quantum Mechanics2 | 6. Seminar |
| 7. Advanced Quantum Mechanics 1 | 8. Advanced Quantum Mechanics 2 |

Master Thesis

1. Study of decay modes of b-flavored mesons into charmed tetraquarks.

مأنده پرخاري [Sareh Dadfar, Mahboobe Sayahi, Salaheddin Zarrin, Mohsen Saadat, Soodeh Zarepour, Seyed Alireza Alavi]

نیمسال دوم سال تحصیلی 99-00

Journals Papers

2023

1. The possible contribution of B₀s meson decay into X(3872) and F₁(1020)

Maede Parkhari, Mahboobe Sayahi, Sareh Dadfar, Salaheddin Zarrin

PHYSICS LETTERS B Volume: (839) 137792-1 - 137792-5

2. Production cross section of heavy quarks in e-p interaction at the NLO approximation

Salaheddin Zarrin, Sareh Dadfar, Mahboobe Sayahi

NUCLEAR PHYSICS A Volume: (1039) 122741-1 - 122741-19

2019

3. Prediction of Alpha Decay Half-Lives of Z = 118-121 Superheavy Nuclei with A ? 300 by Using the Double-Folding Potential

Mahboobe Sayahi, Vahid Dehghani, D. Naderi, Seyed Alireza Alavi

ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES Volume: (74) 551 - 560

4. Resonant and non-resonant contributions of B ? K^{*}(p1,??1){K^{*},??,KK} decay modes

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MODERN PHYSICS LETTERS A Volume: (34) 1950043-1 - 1950043-12

2018

5. Calculation of proton radioactivity half-lives

Seyed Alireza Alavi, Vahid Dehghani, Mahboobe Sayahi

NUCLEAR PHYSICS A Volume: (977) 49 - 59

Conferences Papers

2017

1. Analysis of Resonance Contributions of Three Body Decay B_J/K

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