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Research Areas

Physics, Nuclear physics, Nuclear Structure, Natural Sciences

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Physics, 2017 - 2024

Refereed Congress / Symposium Publications in Proceedings

- I. **Exploring the magicity for the ^{78}Ni nucleus**
OK F., Guven H. Z., BOZKURT K., YÜKSEL E.
Theoretical and Experimental Studies in Nuclear Applications and Technology-TESNAT 2018, Antalya, Turkey, 20 April 2018
- II. **Investiagtion of Magicity for $Z=16$ Isotopes and $N=12$ Isotones with Skyrme-Hartree-Fock-Bogoliubov Approach**
OK F., GUVEN H. Z., BOZKURT K.
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, 6 - 10 September 2017
- III. **Detailed investigation of the tensor force on the evaluation of magicity for the Si isotopes, $N=20$ and $N=28$ isotones with Skyrme-Hartree- Fock-Bogoliubov calculations**
GÜVEN H. Z., OK F., YÜKSEL E., BOZKURT K.
Theoretical and Experimental Studies in Nuclear Applications and Technology, TESNAT 2017, Adana, Turkey, 10 May 2017, pp.46
- IV. **Theoretical study on the properties of $Z=20$ and $Z=48$ isotopic chains**
Ok F., Yüksel E., Bozkurt K.
Turkish Physical Society 32nd International Physics Congress, Muğla, Turkey, 6 - 09 September 2016

Supported Projects

Bozkurt K., Khan E., TUBITAK Project, Nükleer Uyarılmaların Farklı İzospin ve Sıcaklık Koşulları Altında Çalışılması, 2015 - 2017

Metrics

Publication: 4