

## Lect. PhD MUSTAFA DERNEK



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-4698-2018

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### Education Information

Doctorate, Akdeniz University, Institute of Science, Fizik, Turkey 2002 - 2009

Postgraduate, Akdeniz University, Institute of Science, Fizik, Turkey 1999 - 2002

Undergraduate, Akdeniz University, Fen Edebiyat Fakültesi, Fizik, Turkey 1993 - 1998

Associate Degree, Akdeniz University, Sağlık Hizmetleri Myo, Tıbbi Laboratuvar, Turkey 1990 - 1992

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Yüksek spinli parçacıklar için yeni görelî bir denklem önerilmesi, Akdeniz University, Institute of Science, Fizik, 2009

Postgraduate, Geliştirilmiş Morse Potansiyeli için Uyumlu Durumların Kurulması, Akdeniz University, Institute of Science, Fizik, 2002

### Research Areas

Physics, General Physics, Mathematical Methods in Physics, Natural Sciences

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hawking radiation of Euler-Heisenberg-adS black hole under the GUP effect**  
Dernek M., Tekincay C., Gecim G., Kucukakca Y., Sucu Y.  
EUROPEAN PHYSICAL JOURNAL PLUS, vol.138, no.4, 2023 (SCI-Expanded)
- II. **Exotic criticality of the BTZ black hole**  
TEKİNÇAY C., DERNEK M., SUCU Y.  
EUROPEAN PHYSICAL JOURNAL PLUS, vol.136, no.2, 2021 (SCI-Expanded)

**III. Quasi-coherent states for damped and forced harmonic oscillator**

DERNEK M., Unal N.

JOURNAL OF MATHEMATICAL PHYSICS, vol.54, no.9, 2013 (SCI-Expanded)

**Articles Published in Other Journals**

**I. Relativistic quantum mechanical spin-1 wave equation in 2+1 dimensional spacetime**

DERNEK M., Gurtas Dogan S., SUCU Y., Unal N.

TURKISH JOURNAL OF PHYSICS, vol.42, no.5, pp.509-526, 2018 (ESCI)

**Metrics**

Publication: 4

Citation (WoS): 14

Citation (Scopus): 13

H-Index (WoS): 2

H-Index (Scopus): 2