

Assoc. Prof. ÜMÜT TEMİZER

Personal Information

Email: umut.temizer@bozok.edu.tr

Web: <https://avesis.bozok.edu.tr/umuttemizer>

Education Information

Doctorate, Erciyes University, Fen Fakültesi, Fizik Bölümü, Turkey 2005 - 2009

Postgraduate, Erciyes University, Fen Fakültesi, Fizik Bölümü, Turkey 2002 - 2005

Undergraduate, Erciyes University, Fen Fakültesi, Fizik Bölümü, Turkey 1998 - 2002

Dissertations

Doctorate, Zamana Bağlı Salınlımlı Dış Manyetik Alan Altında Kinetik Blume-Emery-Griffiths Sisteminde Dinamik Faz Geçişleri, Erciyes University, Fen Fakültesi, Fizik Bölümü, 2009

Postgraduate, Zamana Bağlı Salınlımlı Dış Manyetik Alan Altında Kinetik Spin-1 Blume-Capel Modelinde Dinamik Faz Geçışı, Erciyes University, Fen Fakültesi, Fizik Bölümü, 2005

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2010 - Continues

Research Assistant, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2006 - 2010

Research Assistant, Erciyes University, Fen Fakültesi, Fizik Bölümü, 2004 - 2006

Academic and Administrative Experience

Yozgat Bozok University, 2010 - Continues

Yozgat Bozok University, 2010 - Continues

Courses

İstatistik Mekanik I, Postgraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015

Termodinamik, Postgraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

İstatistik Fizik, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015

Kuantum Fiziği I, Undergraduate, 2013 - 2014, 2014 - 2015

Genel Fizik I (Makine Mühendisliği), Undergraduate, 2010 - 2011, 2012 - 2013, 2013 - 2014, 2014 - 2015

Fizikte Matematik Metotlar I, Postgraduate, 2010 - 2011, 2011 - 2012, 2013 - 2014, 2014 - 2015

Bitirme Tezi I, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014

Fizikte Matematik Metotlar II, Postgraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014

Ferromanyetizma, Postgraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014

Bitirme Tezi II, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014

Kuantum Fiziği II, Undergraduate, 2013 - 2014

Genel Fizik II (İnşaat Mühendisliği), Undergraduate, 2012 - 2013

Fizikte Mat. Met. I, Postgraduate, 2012 - 2013
Bilgisayar Programlama, Undergraduate, 2012 - 2013
İstatistik Mekanik II, Postgraduate, 2012 - 2013
Genel Fizik II (Makine Mühendisliği), Undergraduate, 2011 - 2012, 2012 - 2013
Klasik Mekanik II, Undergraduate, 2011 - 2012
İstatistik Mekanik I, Postgraduate, 2011 - 2012
Klasik Mekanik I, Undergraduate, 2011 - 2012
E. M. T I, Undergraduate, 2011 - 2012
Fizik IV (Optik ve Dalgalar), Undergraduate, 2011 - 2012
E.M.T II, Undergraduate, 2011 - 2012
İstatistik Mekanik II, Undergraduate, 2010 - 2011
E M T II, Undergraduate, 2010 - 2011
İstatistik Mekanik I, Undergraduate, 2010 - 2011
Genel Fizik I (İnşaat Mühendisliği), Undergraduate, 2010 - 2011
Genel Fizik I (Jeoloji Mühendisliği), Undergraduate, 2010 - 2011
Temel Bilgisayar Teknikleri Kullanımı I, Undergraduate, 2010 - 2011

Advising Theses

TEMİZER Ü., Farklı örgü yapıları üzerinde karma spin-1 ve spin-5/2 Ising sisteminin dinamik manyetik özellikleri, Postgraduate, L.DEMİR(Student), 2018
TEMİZER Ü., Karma spin-1 ve spin-5/2 Ising sisteminin dinamik davranışı, Postgraduate, A.ÖZKILIÇ(Student), 2013
TEMİZER Ü., Karma spin-1 ve spin-2 Ising modelinde dinamik faz geçişleri ve dinamik telafi sıcaklığı, Postgraduate, T.KORKMAZ(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An investigation of competition on the dynamic magnetic properties of the core/shell nanowire**
TEMİZER Ü., KANTAR E.
CHINESE JOURNAL OF PHYSICS, vol.57, pp.269-281, 2019 (Journal Indexed in SCI)
- II. **Dynamic hysteresis loops of the spin-2 bilayer Ising model**
ERTAŞ M., BATI M., TEMİZER Ü.
CHINESE JOURNAL OF PHYSICS, vol.56, no.3, pp.807-818, 2018 (Journal Indexed in SCI)
- III. **The dynamic critical properties of the spin-2 Ising model on a bilayer square lattice**
TEMİZER Ü., YARAR S., TULEK M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.450, pp.369-384, 2016 (Journal Indexed in SCI)
- IV. **Dynamic phase diagrams of the mixed Ising bilayer system consisting of spin-3/2 and spin-2**
TEMİZER Ü., TULEK M., YARAR S.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.415, pp.156-171, 2014 (Journal Indexed in SCI)
- V. **The dynamic compensation temperature in a kinetic spin-5/2 Ising model on a hexagonal lattice**
TEMİZER Ü., ÖZKILIÇ A.
CHINESE PHYSICS B, vol.22, no.3, 2013 (Journal Indexed in SCI)
- VI. **Dynamic phase transitions and compensation temperatures in the mixed spin-1 and spin-5/2 Ising system on alternate layers of a hexagonal lattice**
ÖZKILIÇ A., TEMİZER Ü.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.330, pp.55-65, 2013 (Journal Indexed in SCI)
- VII. **Nonlinear Optical Rectification and Oscillator Strength in a Spherical Quantum Dot with Parabolic Confinement in the Presence of the Electric Field**
KIRAK M., YILMAZ S., TEMİZER Ü.

JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS, vol.8, no.2, pp.165-169, 2013 (Journal Indexed in SCI)

VIII. **Dynamic compensation temperature in the mixed spin-1 and spin-2 Ising model in an oscillating field on alternate layers of a hexagonal lattice**

Korkmaz T., TEMİZER Ü.

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.324, no.22, pp.3876-3886, 2012 (Journal Indexed in SCI)

Supported Projects

TEMİZER Ü., Project Supported by Higher Education Institutions, Farklı Örgü Yapıları Üzerinde Karma Spin-1 ve Spin-5/2 Ising Sisteminin Dinamik Manyetik Özellikleri, 2017 - 2018

TEMİZER Ü., Project Supported by Higher Education Institutions, Spin-2, Spin-5/2 ve Karma Spin (2, 5/2) Ising Sistemlerinin Dinamik Histerik Özelliklerinin Glauber Dinamiği Kullanılarak İncelenmesi, 2016 - 2018

Citations

Total Citations (WOS):85

h-index (WOS):5