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Personal Information

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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Turkey 2008 - 2012

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Turkey 2006 - 2008

Under Graduate, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, KARMA SPİN-2 VE SPİN-5/2 İSİNG SİSTEMİNİN DİNAMİĞİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Genel Fizik, 2012

Post Graduate, KİNETİK KARMA SPİN- 1 VE SPİN- 2 SİSTEMİNDE MEYDANA GELEN DİNAMİK FAZ GEÇİŞLERİ VE DİNAMİK FAZ DİYAGRAMLARI, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2008

Research Areas

Physics, General Physics, Statistical physics, thermodynamic and nonlinear dynamic systems, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Thermal Properties of Condensed Matter, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Magnetic Properties and Materials, Natural Sciences

Academic Titles / Tasks

Associate Professor, Erciyes University, Fen Fakültesi, Fizik , 2014 - Continues

Research Assistant PhD, Erciyes Üniversitesi, Fen Fakültesi, Fizik , 2012 - 2014

Research Assistant, Erciyes Üniversitesi, Fen Fakültesi, Fizik , 2009 - 2012

Academic and Administrative Experience

Vice Dean, Erciyes University, Fen Fakültesi, 2016 - 2020

Erciyes Üniversitesi, Fizik Bölümü, 2015 - 2016

Advising Theses

ERTAŞ M., Karma spin-3/2 ve spin-5/2 Ising sisteminin dinamik manyetik özelliklerinin Glauber geçiş oranları temelli Etkin-Alan Teorisi ile incelenmesi, Post Graduate, A.YILMAZ(Student), 2018

ERTAŞ M., Cdse/cds kuantum nokta yapısının optik özelliklerinin incelenmesi / Investigation of optical properties of cdse/cds quantum dot structure, Post Graduate, H.ARSLAN(Student), 2017

Jury Memberships

Doctorate, Doktora Sınav Jürisi (TİK Üyesi), Erciyes Üniversitesi, May, 2018

Post Graduate, Yüksek Lisans Sınav Jürisi, Bozok Üniversitesi, March, 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Dynamic magnetic properties of a mixed ferro-ferrimagnetic ternary alloy in the form of AB(p)C(1-p) with single-ion anisotropy**
BATI M., ERTAŞ M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.573, 2021 (Journal Indexed in SCI)
- II. **Dynamic magnetic properties in 2-dimensional kinetic spin-7/2 Ising system**
ERTAŞ M.
PHYSICS LETTERS A, vol.389, 2021 (Journal Indexed in SCI)
- III. **Dynamic magnetic features of a mixed ferro-ferrimagnetic ternary alloy in the form of AB(p)C(1-p)**
BATI M., ERTAŞ M.
EUROPEAN PHYSICAL JOURNAL PLUS, vol.136, no.1, 2021 (Journal Indexed in SCI)
- IV. **Dynamic critical phenomena in a multilayer Ising system**
ERTAŞ M., BATI M.
CHINESE JOURNAL OF PHYSICS, vol.66, pp.724-732, 2020 (Journal Indexed in SCI)
- V. **Dynamic magnetic hysteresis loop behaviors of a mixed spin (2,5/2) Ising model on two interpenetrating square lattices**
KESKİN M., ERTAŞ M.
PHYSICA SCRIPTA, vol.95, no.5, 2020 (Journal Indexed in SCI)
- VI. **Dynamic magnetic properties of a hexagonal Ising nanowire system with higher-spin**
KESKİN M., ERTAŞ M.
PHASE TRANSITIONS, vol.93, no.4, pp.361-375, 2020 (Journal Indexed in SCI)
- VII. **Dynamic magnetic properties the spin-1 Ising model with bilinear and biquadratic interactions within the path probability method**
ERTAŞ M., KESKİN M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.526, 2019 (Journal Indexed in SCI)
- VIII. **Dynamical thermal dependences of the total magnetization and dynamic magnetic hysteresis properties of Ising bilayer system with square lattice**
ERTAŞ M.
PHYSICA B-CONDENSED MATTER, vol.550, pp.154-162, 2018 (Journal Indexed in SCI)
- IX. **Dynamic hysteresis loops of the spin-2 bilayer Ising model**
ERTAŞ M., BATI M., Temizer U.
CHINESE JOURNAL OF PHYSICS, vol.56, no.3, pp.807-818, 2018 (Journal Indexed in SCI)
- X. **Frequency-dependent dynamic magnetic properties of the Ising bilayer system consisting of spin-3/2 and spin-5/2 spins**
KESKİN M., ERTAŞ M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.496, pp.79-89, 2018 (Journal Indexed in SCI)

- XI. **Dynamic hysteresis behaviors in the kinetic Ising system on triangular lattice**
Kantar E., ERTAŞ M.
PHASE TRANSITIONS, vol.91, no.4, pp.370-381, 2018 (Journal Indexed in SCI)
- XII. **Dynamic magnetic and hysteretic properties of the different type core/shell nanostructures: the effect of geometry of wire shape**
KANTAR B. B. , ERTAŞ M.
PHILOSOPHICAL MAGAZINE, vol.98, no.30, pp.2734-2748, 2018 (Journal Indexed in SCI)
- XIII. **Dynamic Magnetic Hysteresis Behaviors in a Mixed Spin (3/2,2) Bilayer System with Different Crystal-Field Interactions**
KESKİN M., ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.12, pp.3439-3449, 2017 (Journal Indexed in SCI)
- XIV. **Dynamic Properties of Kinetic Spin-3/2 Ising Ferromagnetic Model in the Presence of the Crystal and External Oscillating Magnetic Fields**
ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.7, pp.1839-1847, 2017 (Journal Indexed in SCI)
- XV. **Effect of the Hamiltonian parameters on the hysteresis properties of the kinetic mixed spin (1/2,1) Ising ferrimagnetic model on a hexagonal lattice**
BATI M., ERTAŞ M.
PHYSICA B-CONDENSED MATTER, vol.513, pp.40-47, 2017 (Journal Indexed in SCI)
- XVI. **Dynamic magnetic hysteresis properties of two-dimensional ferrimagnetic structures containing high-spin ($S=5/2$) and low-spin ($S=1/2$)**
Bati M., ERTAŞ M.
PHASE TRANSITIONS, vol.90, no.9, pp.863-872, 2017 (Journal Indexed in SCI)
- XVII. **Dynamic Magnetic Hysteresis Properties in a Two-Dimensional Mixed Ising System Designed with Integer and Half-Integer Spins**
Bati M., ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.11, pp.2835-2841, 2016 (Journal Indexed in SCI)
- XVIII. **Effect of the Hamiltonian parameters on Blume-Capel Ising ferromagnet system with single-ion anisotropy**
BATI M., ERTAŞ M.
SUPERLATTICES AND MICROSTRUCTURES, vol.98, pp.259-266, 2016 (Journal Indexed in SCI)
- XIX. **Frequency-Dependent Dynamic Phase Diagrams in Ising System with Fe₄N Structure**
Kantar E., ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.9, pp.2319-2326, 2016 (Journal Indexed in SCI)
- XX. **Hysteresis and Compensation Behaviors of Mixed Spin-1 and Spin-2 Hexagonal Ising Nanowire System**
ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.7, pp.1805-1812, 2016 (Journal Indexed in SCI)
- XXI. **Mixed Ising system designed with integer and half-integer spins: dynamic behaviors under oscillating magnetic field**
ERTAŞ M.
PHASE TRANSITIONS, vol.89, no.6, pp.608-621, 2016 (Journal Indexed in SCI)
- XXII. **Kinetic Transverse Ising Nanowire System in the Presence of a Time-Varying Magnetic Field**
Kantar E., ERTAŞ M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.29, no.3, pp.781-788, 2016 (Journal Indexed in SCI)

- XXIII. **Dynamic magnetic properties in the kinetic Ising ferromagnet on triangular lattice within the effective-field theory and using Glauber-type stochastic dynamics**
ERTAŞ M., Kantar E., KOCAKAPLAN Y., KESKİN M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.444, pp.732-743, 2016 (Journal Indexed in SCI)
- XXIV. **The dynamic magnetic behaviors of the Blume-Capel Ising bilayer system**
ERTAŞ M.
MODERN PHYSICS LETTERS B, vol.29, 2015 (Journal Indexed in SCI)
- XXV. **Dynamic phase diagrams of a ferrimagnetic mixed spin (1/2,1) Ising system within the path probability method**
ERTAŞ M., KESKİN M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.437, pp.430-436, 2015 (Journal Indexed in SCI)
- XXVI. **Hexagonal Type Ising Nanowire with Spin-1 Core and Spin-2 Shell Structure**
ERTAŞ M., Kantar E.
COMMUNICATIONS IN THEORETICAL PHYSICS, vol.64, no.4, pp.401-408, 2015 (Journal Indexed in SCI)
- XXVII. **The Kinetic Spin-1 Ising System on Triangular Lattice: the Effects of Crystal Field and Frequency of Oscillating External Magnetic Field**
ERTAŞ M., Kantar E.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.10, pp.3037-3044, 2015 (Journal Indexed in SCI)
- XXVIII. **Magnetic properties of the spin-3/2 Blume-Capel model on a hexagonal Ising nanowire**
KOCAKAPLAN Y., ERTAŞ M.
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, vol.121, no.4, pp.606-615, 2015 (Journal Indexed in SCI)
- XXIX. **Dynamic hysteresis behaviors for the two-dimensional mixed spin (2,5/2) ferrimagnetic Ising model in an oscillating magnetic field**
Ertas M.
SUPERLATTICES AND MICROSTRUCTURES, vol.85, pp.734-742, 2015 (Journal Indexed in SCI)
- XXX. **Dynamic hysteresis features in a two-dimensional mixed Ising system**
ERTAŞ M., KESKİN M.
PHYSICS LETTERS A, vol.379, pp.1576-1583, 2015 (Journal Indexed in SCI)
- XXXI. **Thermodynamic quantities and phase diagrams of spin-1 Blume-Capel bilayer Ising model**
Kantar E., ERTAŞ M.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.29, no.20, 2015 (Journal Indexed in SCI)
- XXXII. **Influence of Frequency on the Kinetic Spin-3/2 Cylindrical Ising Nanowire System in an Oscillating Field**
Kantar E., Ertas M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.8, pp.2529-2538, 2015 (Journal Indexed in SCI)
- XXXIII. **Dynamic phase transition properties for the mixed spin-(1/2,1) Ising model in an oscillating magnetic field**
ERTAŞ M., KESKİN M.
PHYSICA B-CONDENSED MATTER, vol.470, pp.76-81, 2015 (Journal Indexed in SCI)
- XXXIV. **Magnetic properties of a spin-1 triangular Ising system**
ERTAŞ M., Kocakaplan Y., Kantar E.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.386, pp.1-7, 2015 (Journal Indexed in SCI)
- XXXV. **Dynamic phase transitions and dynamic phase diagrams of the Blume-Emery-Griffiths model in an oscillating field: the effective-field theory based on the Glauber-type stochastic dynamics**
ERTAŞ M., KESKİN M.
PHASE TRANSITIONS, vol.88, no.6, pp.634-647, 2015 (Journal Indexed in SCI)
- XXXVI. **Cylindrical Ising nanowire with crystal field: existence of a dynamic compensation temperatures**
ERTAŞ M., Kantar E.

- PHASE TRANSITIONS, vol.88, no.6, pp.567-581, 2015 (Journal Indexed in SCI)
- XXXVII. **Dynamic phase transitions of the Blume-Emery-Griffiths model under an oscillating external magnetic field by the path probability method**
ERTAŞ M., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.377, pp.386-394, 2015 (Journal Indexed in SCI)
- XXXVIII. **Cylindrical Ising nanowire in an oscillating magnetic field and dynamic compensation temperature**
Kantar E., ERTAŞ M.
SUPERLATTICES AND MICROSTRUCTURES, vol.75, pp.831-842, 2014 (Journal Indexed in SCI)
- XXXIX. **Dynamic phase diagrams of the Blume-Capel model in an oscillating field by the path probability method**
ERTAŞ M., KESKİN M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.411, pp.42-52, 2014 (Journal Indexed in SCI)
- XL. **Dynamic phase diagrams of a cylindrical Ising nanowire in the presence of a time dependent magnetic field**
Kantar E., ERTAŞ M., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.361, pp.61-67, 2014 (Journal Indexed in SCI)
- XLI. **Magnetic hysteresis and compensation behaviors in spin-1 bilayer Ising model**
Kantar E., ERTAŞ M.
SOLID STATE COMMUNICATIONS, vol.188, pp.71-76, 2014 (Journal Indexed in SCI)
- XLII. **Dynamic behaviors of spin-1/2 bilayer system within Glauber-type stochastic dynamics based on the effective-field theory**
ERTAŞ M., Kantar E., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.358, pp.56-64, 2014 (Journal Indexed in SCI)
- XLIII. **The dynamic phase transition in the spin-1/2 Ising system within the path probability method**
ERTAŞ M., KESKİN M.
PHASE TRANSITIONS, vol.87, no.4, pp.376-386, 2014 (Journal Indexed in SCI)
- XLIV. **Dynamic behaviors of the hexagonal Ising nanowire**
ERTAŞ M., Kocakaplan Y.
PHYSICS LETTERS A, vol.378, no.10, pp.845-850, 2014 (Journal Indexed in SCI)
- XLV. **Effective-field theory for dynamic phase diagrams of the kinetic spin-3/2 Blume-Capel model under a time oscillating longitudinal field**
ERTAŞ M., Kocakaplan Y., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.348, pp.113-119, 2013 (Journal Indexed in SCI)
- XLVI. **Dynamic magnetic behavior of the mixed spin (2,5/2) Ising system with antiferromagnetic/antiferromagnetic interactions on a bilayer square lattice**
ERTAŞ M., KESKİN M.
CHINESE PHYSICS B, vol.22, no.12, 2013 (Journal Indexed in SCI)
- XLVII. **Nonequilibrium magnetic properties in a two-dimensional kinetic mixed Ising system within the effective-field theory and Glauber-type stochastic dynamics approach**
ERTAŞ M., Deviren B., KESKİN M.
PHYSICAL REVIEW E, vol.86, no.5, 2012 (Journal Indexed in SCI)
- XLVIII. **Dynamic magnetic behavior of the mixed-spin bilayer system in an oscillating field within the mean-field theory**
ERTAŞ M., KESKİN M.
PHYSICS LETTERS A, vol.376, no.36, pp.2455-2466, 2012 (Journal Indexed in SCI)
- XLIX. **Dynamic magnetizations and dynamic phase transitions in a transverse cylindrical Ising nanowire**
Deviren B., ERTAŞ M., KESKİN M.
PHYSICA SCRIPTA, vol.85, no.5, 2012 (Journal Indexed in SCI)
- L. **Dynamic phase transitions and dynamic phase diagrams in the kinetic spin-5/2 Blume-Capel model in an oscillating external magnetic field: Effective-field theory and the Glauber-type stochastic dynamics approach**

ERTAŞ M., KESKİN M., Deviren B.

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.324, no.8, pp.1503-1511, 2012 (Journal Indexed in SCI)

- LI. **Multicritical Dynamic Phase Diagrams and Dynamic Hysteresis Loops in a Mixed Spin-2 and Spin-5/2 Ising Ferrimagnetic System with Repulsive Biquadratic Coupling: Glauber Dynamic Approach**
ERTAŞ M., KESKİN M., Deviren B.
JOURNAL OF STATISTICAL PHYSICS, vol.146, no.6, pp.1244-1262, 2012 (Journal Indexed in SCI)
- LII. **Dynamic phase transitions and dynamic phase diagrams of the spin-2 Blume-Capel model under an oscillating magnetic field within the effective-field theory**
ERTAŞ M., Deviren B., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.324, no.5, pp.704-710, 2012 (Journal Indexed in SCI)
- LIII. **Dynamic magnetic properties in the kinetic mixed spin-2 and spin-5/2 Ising model under a time-dependent magnetic field**
ERTAŞ M., KESKİN M., Deviren B.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.391, no.4, pp.1038-1047, 2012 (Journal Indexed in SCI)
- LIV. **The 4th Asian Physics Symposium**
ERTAŞ M., DEVİREN B., KESKİN M.
AIP Conference Proceedings, vol.1325, pp.39-43, 2010 (Journal Indexed in SCI Expanded)
- LV. **The effective-field theory studies of critical phenomena in a mixed spin-1 and spin-2 Ising model on honeycomb and square lattices**
DEVİREN B., ERTAŞ M., KESKİN M.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.389, no.10, pp.2036-2047, 2010 (Journal Indexed in SCI)
- LVI. **Mixed-Spin Ising Model in an Oscillating Magnetic Field and Compensation Temperature**
KESKİN M., ERTAŞ M.
JOURNAL OF STATISTICAL PHYSICS, vol.139, no.2, pp.333-344, 2010 (Journal Indexed in SCI)
- LVII. **Dynamic phase transition in the kinetic spin-5/2 Blume-Emery-Griffiths model in an oscillating external magnetic field**
KESKİN M., ERTAŞ M.
PHASE TRANSITIONS, vol.83, no.5, pp.349-367, 2010 (Journal Indexed in SCI)
- LVIII. **Existence of a dynamic compensation temperature of a mixed spin-2 and spin-5/2 Ising ferrimagnetic system in an oscillating field**
KESKİN M., ERTAŞ M.
PHYSICAL REVIEW E, vol.80, no.6, 2009 (Journal Indexed in SCI)
- LIX. **Dynamic phase transitions and dynamic phase diagrams in the kinetic mixed spin-1 and spin-2 Ising system in an oscillating magnetic field**
KESKİN M., ERTAŞ M., Canko O.
PHYSICA SCRIPTA, vol.79, no.2, 2009 (Journal Indexed in SCI)
- LX. **Dynamic Phase Transition and Multicritical Dynamic Phase Diagrams of The Kinetic Spin-2 Ising Model With Repulsive Biquadratic Coupling under a Time-dependent Oscillating External Field**
ERTAŞ M., KESKİN M., Canko O.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.53, no.4, pp.1807-1820, 2008 (Journal Indexed in SCI)
- LXI. **Dynamic phase transition in the kinetic spin-2 Blume-Emery-Griffiths model in an oscillating field**
ERTAŞ M., Canko O., KESKİN M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.320, no.11, pp.1765-1774, 2008 (Journal Indexed in SCI)
- LXII. **Kinetics of the spin-2 Blume-Capel model under a time-dependent oscillating external field**
KESKİN M., Canko O., Ertas M.
JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, vol.105, no.6, pp.1190-1197, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Dynamic Hysteresis Properties of Mixed Spin (1, 5/2) Ising Ferrimagnetic Blume-Capel Model: An Effective-Field Theory Analysis**
BATI M., ERTAŞ M.
Advanced Science, Engineering and Medicine, vol.11, pp.1-4, 2019 (Refereed Journals of Other Institutions)
- II. **Dynamic magnetic properties of mixed half-integer ($\sigma = 3/2$) and half-integer ($S = 5/2$) spins: Dynamic effective-field theory**
ERTAŞ M., YILMAZ A.
COMPUTATIONAL CONDENSED MATTER, vol.14, pp.1-7, 2018 (Journal Indexed in ESCI)
- III. **Dynamic magnetic hysteresis behavior of Blume Capel model under the presence of an oscillating magnetic field The path probability method approach**
ERTAŞ M., KESKİN M.
International Journal of Advances in Science Engineering and Technology, vol.3, pp.41-44, 2015 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Üniversiteler için FİZİK-HIZLI ÇALIŞMA KİTABI (Konu Özetli Problem Çözümleri)**
ÖZSOY S., ERTAŞ M.
Birsen Yayınevi, İstanbul, 2017
- II. **Zamana Bağlı Salınımlı Dış Manyetik Alan Altında Karma Spin-1/2 ve Spin-1 Ising Sisteminde Dinamik Faz Geçişleri ve Dinamik Telafi Sıcaklığı**
KESKİN M., ERTAŞ M.
in: A. Nihat Berker Onuruna 60. Doğum Yıldönümü Toplantısı "Berker-FEST", Durukanoğlu Feyiz S., Editor, İstanbul Teknik Üniversitesi, İstanbul, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **COMPARABLE STUDIES OF DYNAMIC MAGNETIC AND HYSTERETIC PROPERTIES OF THE ISING-TYPE CORE/SHELL NANOWIRES SYSTEMS**
ERTAŞ M., Kantar E., Boyabar Kantar B. B. K. , KESKİN M.
The International Conference on Engineering Technology and Innovation (ICETI), Budapeşte, Hungary, 7 - 11 March 2018, pp.90
- II. **Dynamic Hysteresis properties of mixed spin (1, 5/2) Ising ferrimagnetic Blume- Capel model: An Effective-Field Theory Analysis**
BATI M., ERTAŞ M.
4th International Conference on Computational and Experimental Science and Engineering, (ICCESEN-2017), 4 - 08 October 2017
- III. **Effect of Time Dependent Sinusoidal Magnetic Field on Mixed Spin (1, 5/2) Ising Ferromagnetic Blume-Capel Model: an Effective-field Theory Analysis**
BATI M., ERTAŞ M.
ISS2017 International Science Symposium, 5 - 08 September 2017
- IV. **Dynamic Magnetic Hysteresis Behaviors In A Mixed Spin (3/2, 2) Bilayer System With Different Crystal-Field Interactions**
KESKİN M., ERTAŞ M.
Fifth Bozok Science Workshop (BSW2017): Studies from Nuclei to Nanomaterials with Applications, 23 - 25 August 2017
- V. **Dynamic Magnetic Hysteresis Behaviors in a Mixed Spin (3/2, 2) Bilayer System with Different**

Crystal-Field Interactions

KESKİN M., ERTAŞ M.

Bozok Science Workshop 2017, Yozgat, 23 - 25 August 2017

- VI. **Dynamic magnetic properties of mixed half-integer ($\sigma = 3/2$) and half-integer ($S = 5/2$) spins: Dynamic Effectice-Field Theory**
ERTAŞ M., YILMAZ A.
24. İstatistiksel Fizik Günleri (İFG 24), 29 June - 01 August 2017
- VII. **Dynamic Magnetic Hysteresis Behavior in a Mixed Spin ($3/2, 2$) Bilayer System Under A Time-Dependent Oscillating Magnetic Field",**
KESKİN M., ERTAŞ M.
ISERD 65th International Conference on Science and Innovative Engineering (ICSIE), 23 - 24 January 2017
- VIII. **DYNAMIC MAGNETIC HYSTERESIS BEHAVIOR IN A MIXED SPIN ($3/2, 2$) BILAYER SYSTEM UNDER A TIME-DEPENDENT OSCILLATING MAGNETIC FIELD**
ERTAŞ M., KESKİN M.
ISERD 125th International Conference on Science and Innovative Engineering (ICSIE), Mekke, Saudi Arabia, 23 January - 24 February 2017, pp.100-104
- IX. **The crystal field effects on the dynamic phase diagrams in the ferromagnetic mixed spin $3/2, 2$ bilayer system mean field theory and glauber type stochastic dynamic approaches**
ERTAŞ M., KOÇAK Y., KESKİN M.
Internatinal Conference For Academic Disciplines, Harvard Medical School, Boston, Massachusetts, ABD, 23 - 27 May 2016
- X. **Magnetic Properties of Mixed Hexagonal Ising Spin ($1, 2$) Nanowire System**
ERTAŞ M., KESKİN M.
Fifth Bozok Science Workshop (BSW2016): Nano Carbon Materials and Their Applications, Yozgat, Turkey, 28 April - 29 June 2016, vol.12, no.2, pp.22
- XI. **The Crystal Field Effects On The Dynamic Phase Diagrams in The Ferromagnetic Mixed Spin ($3/2, 2$) Bilayer System: Mean Field Theory and Glauber-Type Stochastic Approaches**
ERTAŞ M., Koçak Y., KESKİN M.
International Journal of Arts & Sciences' (IJAS) International Conference for Physical, Life and Health Sciences, Boston, United States Of America, 23 May - 27 June 2016, vol.9, no.3, pp.145-152
- XII. **Magnetic properties of mixed spin $1/2$ Hexagonal Ising nanowire system**
ERTAŞ M., KESKİN M.
Fifth Bozok Science Workshop, 28 - 29 April 2016
- XIII. **Dynamic magnetic hysteresis behavior of Blume Capel model under the presence of an oscillating magnetic field The path probability method approach**
ERTAŞ M., KESKİN M.
IIER Fifth International Conference on Science, Technology, Engineering and Management, 11 April 2015
- XIV. **Dynamic magnetic hysteresis behaviors of Blume-Capel model under the presence of an oscillating magnetic field:The path probability method approach**
ERTAŞ M., KESKİN M.
21 st TheIIER International Conference on Engineering and Natural Science (ICENS), Melbourne, Australia, 11 April 2015, pp.32-35
- XV. **Dynamic magnetic hysteresis behaviors of Blume-Capel model under the presence of an oscillating magnetic field:The path probability method approach**
ERTAŞ M., KESKİN M.
21 st The IIER International Conference on Engineering and Natural Science (ICENS), Melbourne, AUSTRALIA, 11 April 2015
- XVI. **Dynamic behaviors in the mixed spin- $(1/2, 1)$ Ising model in an oscillating magnetic field: path probability method**
KESKİN M., ERTAŞ M.
PERFIK 2014, Kkuaala Lumpur, Malaysia, 18 - 19 November 2014, pp.24

- XVII. **A Study of Dynamic Phase Transition within the Path Probability Method of Kikuchi**
ERTAŞ M., KESKİN M.
The 30th Physics Congress of the Turkish Physics Society, İstanbul, Turkey, 2 - 05 September 2014, pp.161
- XVIII. **Dynamic phase transitions and dynamic phase diagrams in the mixed spin-(1/2, 1) Ising model in an oscillating magnetic field**
ERTAŞ M., KESKİN M.
111. Statistical Mechanics Conference, New Brunswick, N.J., United States Of America, 11 - 13 May 2014, pp.7
- XIX. **Dynamic phase transitions of the Blume-Emery-Griffiths model under an oscillating external magnetic field by the path probability method**
ERTAŞ M., KESKİN M.
20. Statistical Physics Days, Erciyes University, Kayseri, 27 - 29 June 2013
- XX. **Dynamic phase transitions in the spin-1 Blume-Capel model under an oscillating magnetic field within the path probability method**
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