

Assoc. Prof. Hakkı Tunçay Özer

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-9975-2017

ScopusID: 24788357900

Yoksis Researcher ID: 152938

Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), Turkey 1989 - 1996

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), Turkey 1987 - 1989

Undergraduate, İstanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English

Dissertations

Doctorate, Üç Boyutlu Chern- Simons Spin-5 Gravitasyon Kuramında Aсимптотик W(5) Симетрии и Острие, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 2024

Postgraduate, Homojen uzaylarda lineer olmayan Schrödinger denklemleri, Marmara University, Faculty Of Arts And Sciences, Physics, 2006

Postgraduate, SO(14) grubunun Spinor temsili altında 3+1 ailelerinin birleştirilmesi, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 2000

Research Areas

Basic Sciences, Physics, Basic Particles and Areas, General Theory of Particles and Fields

Academic Titles / Tasks

Associate Professor, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 2012 - Continues

Assistant Professor, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 1997 - 2012

Research Assistant, İstanbul Technical University, Fen-Edebiyat, Fizik Mühendisliği, 1987 - 1997

PUBLISHED JOURNAL ARTICLES INDEXED BY SCI, SSCI, AND AHCI

- I. **N = (2,2) extended sl(3 vertical bar 2) Chern-Simons AdS(3) supergravity with new boundaries**
Özer H. T., Filiz A.
EUROPEAN PHYSICAL JOURNAL C, vol.82, no.5, 2022 (SCI-Expanded)
- II. **Exploring new boundary conditions for N= (1 , 1) extended higher-spin AdS3 supergravity**
Özer H. T., Filiz A.
European Physical Journal C, vol.80, no.11, 2020 (SCI-Expanded)
- III. **On the explicit asymptotic W-5 symmetry of 3D Chern-Simons higher spin AdS(3) gravity**
Özer H. T., Filiz A.
JOURNAL OF MATHEMATICAL PHYSICS, vol.59, 2018 (SCI-Expanded)
- IV. **Casimir WA(N) algebras as the truncated W-infinity algebra**
Ozer H. T.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.14, no.9, 2017 (SCI-Expanded)
- V. **Nonlinear Schrodinger equations and N=1 superconformal algebra**
Ozer H. T., Salihoglu S.
CHAOS SOLITONS & FRACTALS, vol.33, no.4, pp.1417-1423, 2007 (SCI-Expanded)
- VI. **On the HOPF structure of W-2-algebra and N=1 superconformal algebra in the OPE language**
Ozer H. T.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.3, no.7, pp.1313-1321, 2006 (SCI-Expanded)
- VII. **Nonlinear Schrodinger equations and Virasoro algebra**
Ozer H. T., Salihoglu S.
CHAOS SOLITONS & FRACTALS, vol.30, no.2, pp.363-366, 2006 (SCI-Expanded)
- VIII. **On the super field realization of super-Casimir WA(n) algebras**
Ozer H. T.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.17, no.3, pp.317-325, 2002 (SCI-Expanded)
- IX. **Miura-like free field realization of fermionic Casimir WB3 algebras**
Ozer H. T.
MODERN PHYSICS LETTERS A, vol.14, no.7, pp.469-477, 1999 (SCI-Expanded)
- X. **Vertex operator extension of Casimir WA(N) algebras**
Ozer H. T.
MODERN PHYSICS LETTERS A, vol.13, no.33, pp.2645-2652, 1998 (SCI-Expanded)
- XI. **On the construction of W-N-algebras in the form of A(N-1)-Casimir algebras**
Ozer H. T.
MODERN PHYSICS LETTERS A, vol.11, no.14, pp.1139-1149, 1996 (SCI-Expanded)
- XII. **A POSSIBLE VARIATIONAL SCHEME FOR THE COMBINED QUARTIC-CUBIC OSCILLATOR**
HACINLIYAN A., OZER H. T.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS, vol.106, no.7, pp.701-709, 1991 (SCI-Expanded)

ARTICLES PUBLISHED IN OTHER JOURNALS

- I. **Nonlinear Schrodinger Equations and N=2 Superconformal Algebra**
Özer H. T.
International Journal of Nonlinear Science, vol.10, pp.410-421, 2010 (Peer-Reviewed Journal)
- II. **Use of Simulation in Undergraduate Physics Education**
Özer H. T.
TURKISH JOURNAL OF PHYSICS, vol.17, pp.285-293, 1993 (ESCI)

SUPPORTED PROJECTS

Özer H. T., Filiz A., Project Supported by Higher Education Institutions, Üç Boyutlu Chern- Simons Spin-5 Gravitasyon Kuramında Asimptotik W(5) Simetrisi ve Ötesi, 2016 - Continues
Özer H. T., Filiz A., TUBITAK Project, Genişletilmiş Chern-Simons N = 3 Ve N = 4 Süperkonformal Holografik Sözlük, 2024 - 2026
Özer H. T., Project Supported by Higher Education Institutions, Afin SU 4 Lie Cebirleri için Modüler invaryant Partisyon Fonksiyonlarının Hesabı, 1999 - 2001
Özer H. T., Project Supported by Higher Education Institutions, Conformal Cebirler ve Chomology Cebirleri, 1992 - 1996

Metrics

Publication: 14
Citation (WoS): 26
Citation (Scopus): 26
H-Index (WoS): 3
H-Index (Scopus): 3

Non Academic Experience

istanbul teknik üniversitesi