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International Researcher IDs

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Education Information

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

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

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

Foreign Languages

English

Research Areas

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

Academic Titles / Tasks

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

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **$N = (2,2)$ extended $sl(3 \text{ vertical bar } 2)$ 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 WB_3 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

Metrics

Publication: 14

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H-Index (Scopus): 3