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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University Of Minnesota-Twin Cities, Amerika Birleşik Devletleri 1994 - 1999

Lisans, Orta Doğu Teknik Üniversitesi, Türkiye 1991 - 1994

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Nonpertubative aspects of quantum field theory, University Of Minnesota-Twin Cities, 1999

Araştırma Alanları

Fizik, Temel Parçacıklar ve Alanlar , Genel alan ve parçacık teorisi, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2011 - Devam Ediyor

Yönetilen Tezler

TEKİN B., Minimal extension of einstein's gravity at the quartic order, Doktora, E.KENAR(Öğrenci), 2018

TEKİN B., ADM formulation of generic massless Spin-2 gravity, Yüksek Lisans, M.DOĞRU(Öğrenci), 2018

TEKİN B., Gravitational waves and gravitational memory, Yüksek Lisans, A.KORKMAZ(Öğrenci), 2018

TEKİN B., Causality in curved space, Yüksek Lisans, B.ALJASEM(Öğrenci), 2018

TEKİN B., Linearization instability in gravity theories, Doktora, E.ALTAŞ(Öğrenci), 2018

TEKİN B., Topologically massive gravity: Anyon scattering, Weyl-gauging and causality, Doktora,

E.KILIÇARSLAN(Öğrenci), 2017

TEKİN B., Basics of massive spin-2 theories, Yüksek Lisans, Ş.KÜREKÇİ(Öğrenci), 2015

TEKİN B., The firewall paradox, Yüksek Lisans, F.SEMİH(Öğrenci), 2014

TEKİN B., Weyl-invariant higher curvature gravity theories, Doktora, S.DENGİZ(Öğrenci), 2014

TEKİN B., Gravitomagnetism in general relativity and massive gravity, Yüksek Lisans, G.DENİZ(Öğrenci), 2014

TEKİN B., Ricci and Cotton flows in three dimensions, Yüksek Lisans, K.TAŞSETEN(Öğrenci), 2013

TEKİN B., Born-infeld gravity theories in D-dimensions, Doktora, T.ÇAĞRI(Öğrenci), 2012

TEKİN B., Geometrical phases and magnetic monopoles, Yüksek Lisans, S.DEĞER(Öğrenci), 2011
TEKİN B., Massive higher derivative gravity theories, Doktora, İ.GÜLLÜ(Öğrenci), 2011
TEKİN B., 3+1 orthogonal and conformal decomposition of the Einstein equation and the adm formalism for general relativity, Yüksek Lisans, S.DENGİZ(Öğrenci), 2011
TEKİN B., Conformal symmetry in field theory, Yüksek Lisans, U.HUYAL(Öğrenci), 2011
TEKİN B., Quantum mechanics on curved hypersurfaces, Yüksek Lisans, M.ALİ(Öğrenci), 2010
TEKİN B., Dynamics of extended objects in general relativity, Yüksek Lisans, İ.BURAK(Öğrenci), 2009
TEKİN B., Viable higher derivative theories, Yüksek Lisans, Ş.ÖZÖNDER(Öğrenci), 2007
TEKİN B., Kaluza-Klein monopole, Yüksek Lisans, E.SAKARYA(Öğrenci), 2007
TEKİN B., Conserved charges in asymptotically (anti)-de sitter spacetime, Yüksek Lisans, İ.GÜLLÜ(Öğrenci), 2005

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Comment on "Einstein-Gauss-Bonnet Gravity in Four-Dimensional Spacetime"**
GÜRSES M., Sisman T. C. , TEKİN B.
PHYSICAL REVIEW LETTERS, cilt.125, 2020 (SCI İndekslerine Giren Dergi)
- **Is there a novel Einstein-Gauss-Bonnet theory in four dimensions?**
GÜRSES M., Sisman T. C. , TEKİN B.
EUROPEAN PHYSICAL JOURNAL C, cilt.80, 2020 (SCI İndekslerine Giren Dergi)
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- **Event horizon detecting invariants**
TAVLAYAN A., TEKİN B.
PHYSICAL REVIEW D, cilt.101, 2020 (SCI İndekslerine Giren Dergi)
- **Nonstationary energy in general relativity**
Altas E., TEKİN B.
PHYSICAL REVIEW D, cilt.101, 2020 (SCI İndekslerine Giren Dergi)
- **Conserved charges in extended theories of gravity**
Adami H., Setare M. R. , Sisman T. C. , TEKİN B.
PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS, cilt.834, ss.1-85, 2019 (SCI İndekslerine Giren Dergi)
- **Non-Einsteinian black holes in generic 3D gravity theories**
GÜRSES M., Sisman T. C. , TEKİN B.
PHYSICAL REVIEW D, cilt.100, 2019 (SCI İndekslerine Giren Dergi)
- **Exotic massive gravity: Causality and a Birkhoff-like theorem**
KILIÇARSLAN E., TEKİN B.
PHYSICAL REVIEW D, cilt.100, 2019 (SCI İndekslerine Giren Dergi)
- **Second order perturbation theory in general relativity: Taub charges as integral constraints**
Altas E., TEKİN B.
PHYSICAL REVIEW D, cilt.99, 2019 (SCI İndekslerine Giren Dergi)
- **Conserved charges in AdS: A new formula**
Altas E., TEKİN B.
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- **New approach to conserved charges of generic gravity in AdS spacetimes**
Altas E., TEKİN B.
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- **Graviton mass and memory**
KILIÇARSLAN E., TEKİN B.
EUROPEAN PHYSICAL JOURNAL C, cilt.79, 2019 (SCI İndekslerine Giren Dergi)
- **Classical double copy: Kerr-Schild-Kundt metrics from Yang-Mills theory**

GÜRSES M., TEKİN B.

PHYSICAL REVIEW D, cilt.98, 2018 (SCI İndekslerine Giren Dergi)

Bachian gravity in three dimensions

Alkac G., TEK M., TEKİN B.

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Holographic c-theorem and Born-Infeld gravity theories

Alkac G., TEKİN B.

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Linearization instability of chiral gravity

Altas E., TEKİN B.

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Altas E., TEKİN B.

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ALICI G. D. , KÜREKÇİ Ş., TEKİN B.

PHYSICAL REVIEW D, cilt.96, 2017 (SCI İndekslerine Giren Dergi)

Unitarity problems in 3D gravity theories

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TEKİN B.

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Stern-Gerlach experiment with higher spins

TEKİN B.

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KARASU A., Kenar E., TEKİN B.

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Asymptotically flat black holes in 2+1 dimensions

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Gravitomagnetism in massive gravity

TAŞSETEN ATA K., TEKİN B.

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Holographically viable extensions of topologically massive and minimal massive gravity?

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Gravity waves in three dimensions

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Exact solutions and the consistency of 3D minimal massive gravity

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Bulk and boundary unitary gravity in 3D: MMG(2)

TEKİN B.

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More on Cotton flow

Kilicarslan E., Dengiz S., TEKİN B.

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GÜRSES M., Sisman T. C. , TEKİN B.

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Minimal massive gravity: Conserved charges, excitations, and the chiral gravity limit

Tekin B.

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Scattering in topologically massive gravity, chiral gravity, and the corresponding anyon-anyon potential energy

Dengiz S., Kilicarslan E., TEKİN B.

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Gullu I., TEKİN B.

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GÜRSES M., Hervik S., Sisman T. C. , TEKİN B.

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Sisman T. C. , Gullu I., TEKİN B.

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Tanhayı M. R. , Dengiz S., TEKİN B.
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- PHYSICAL REVIEW D, cilt.82, 2010 (SCI İndekslerine Giren Dergi)
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- JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL, cilt.43, 2010 (SCI İndekslerine Giren Dergi)
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- PHYSICAL REVIEW D, cilt.80, 2009 (SCI İndekslerine Giren Dergi)
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- PHYSICAL REVIEW D, cilt.79, 2009 (SCI İndekslerine Giren Dergi)
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SARIOĞLU B. Ö. , TEKİN B.
- PHYSICAL REVIEW D, cilt.79, 2009 (SCI İndekslerine Giren Dergi)

- **Comment on 'A second anti-de Sitter universe'**
SARIOĞLU B. Ö. , TEKİN B.
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- **Finite mass gravitating Yang monopoles**
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- **Cotton flow**
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- **Chern-Simons modified general relativity: Conserved charges**
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- **Mass and angular momentum of asymptotically AdS or flat solutions in the topologically massive gravity**
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Desteklenen Projeler

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Atıflar

Toplam Atıf Sayısı (WOS):2040

h-indeksi (WOS):21