

## Prof. BAYRAM TEKİN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: P-9269-2019

ScopusID: 6701407460

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### Education Information

Doctorate, University of Minnesota-Twin Cities, United States Of America 1994 - 1999

Undergraduate, Middle East Technical University, Turkey 1991 - 1994

### Foreign Languages

English, C1 Advanced

### Dissertations

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

### Research Areas

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

### Advising Theses

TEKİN B., Conserved charges in various theories of gravity, Doctorate, H.ÖZŞAHİN(Student), 2022

TEKİN B., A new approach to conserved charges in asymptotically anti-de Sitter spacetimes, Postgraduate, A.ŞAHİN(Student), 2022

TEKİN B., SOUND VELOCITY IN DENSE MATTER SUCH AS NEUTRON STARS, Postgraduate, L.ÖĞÜROL(Student), 2022

TEKİN B., Some aspects of black hole physics: Spherical null and timelike orbits, and event horizon detection, Postgraduate, A.TAVLAYAN(Student), 2021

TEKİN B., Gravity theories at large number of dimensions, Doctorate, G.DENİZ(Student), 2021

TEKİN B., Problems of massive gravity, Postgraduate, T.DENİZ(Student), 2021

TEKİN B., Exact solutions of infinite derivative gravity, Postgraduate, S.EYLÜL(Student), 2021

TEKİN B., Generalized kerr-schild metrics in einstein's gravity, Postgraduate, U.Can(Student), 2020

TEKİN B., Gravitational Waves and 2.5 PN Gravitational Wave Memory, Postgraduate, O.UÇANOK(Student), 2020

TEKİN B., Bachian gravity in three dimensions, Doctorate, M.TEK(Student), 2019

TEKİN B., Minimal extension of Einstein's gravity at the quartic order, Doctorate, E.KENAR(Student), 2018

TEKİN B., ADM formulation of generic massless Spin-2 gravity, Postgraduate, M.DOĞRU(Student), 2018

TEKİN B., Gravitational waves and gravitational memory, Postgraduate, A.KORKMAZ(Student), 2018

TEKİN B., Minimal extension of Einstein's gravity at the quartic order, Doctorate, E.KENAR(Student), 2018

TEKİN B., Linearization instability in gravity theories, Doctorate, E.ALTAŞ(Student), 2018

TEKİN B., Causality in curved space, Postgraduate, B.ALJASEM(Student), 2018

TEKİN B., Topologically massive gravity: Anyon scattering, Weyl-gauging and causality, Doctorate, E.KILIÇARSLAN(Student), 2017

TEKİN B., Basics of massive spin-2 theories, Postgraduate, Ş.KÜREKÇİ(Student), 2015

TEKİN B., The firewall paradox, Postgraduate, F.SEMİH(Student), 2014

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

TEKİN B., Gravitomagnetism in general relativity and massive gravity, Postgraduate, G.DENİZ(Student), 2014

TEKİN B., Ricci and Cotton flows in three dimensions, Postgraduate, K.TAŞSETEN(Student), 2013

TEKİN B., Born-Infeld gravity theories in D-dimensions, Doctorate, T.ÇAĞRI(Student), 2012

TEKİN B., Conformal symmetry in field theory, Postgraduate, U.HUYAL(Student), 2011

TEKİN B., Massive higher derivative gravity theories, Doctorate, İ.GÜLLÜ(Student), 2011

TEKİN B., 3+1 orthogonal and conformal decomposition of the Einstein equation and the ADM formalism for general relativity, Postgraduate, S.DENGİZ(Student), 2011

TEKİN B., Geometrical phases and magnetic monopoles, Postgraduate, S.DEĞER(Student), 2011

TEKİN B., Quantum mechanics on curved hypersurfaces, Postgraduate, M.ALİ(Student), 2010

TEKİN B., Dynamics of extended objects in general relativity, Postgraduate, İ.BURAK(Student), 2009

TEKİN B., Viable higher derivative theories, Postgraduate, Ş.ÖZÖNDER(Student), 2007

TEKİN B., Kaluza-Klein monopole, Postgraduate, E.SAKARYA(Student), 2007

TEKİN B., Conserved charges in asymptotically (anti)-de Sitter spacetime, Postgraduate, İ.GÜLLÜ(Student), 2005

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A search for Planet Nine with small spacecraft: Three-body, post-Newtonian, non-gravitational, planetary and Kuiper Belt effects**  
Koprucu S. U., TEKİN B.  
Acta Astronautica, vol.225, pp.444-453, 2024 (SCI-Expanded)
- II. **Some lower dimensional quantum field theories reduced from Chern-Simons gauge theories**  
Oğuz B., TEKİN B.  
Physical Review D, vol.110, no.8, 2024 (SCI-Expanded)
- III. **Constraints and time evolution in generic  $f$ (Riemann) gravity**  
Altas E., TEKİN B.  
Journal of Physics A: Mathematical and Theoretical, vol.57, no.38, 2024 (SCI-Expanded)
- IV. **Refined thermodynamics of black holes with proper conserved charges**  
TAVLAYAN A., TEKİN B.  
PHYSICAL REVIEW D, vol.110, no.8, 2024 (SCI-Expanded)
- V. **Minimal Einstein-Aether theory**  
Gürses M., Şentürk Ç., TEKİN B.  
European Physical Journal C, vol.84, no.9, 2024 (SCI-Expanded)
- VI. **Spin-spin interactions in general relativity versus linearized massive gravity: N -body simulations**  
Gulmez E., TEKİN B.  
Physical Review D, vol.110, no.4, 2024 (SCI-Expanded)
- VII. **Membrane paradigm approach to the Johannsen-Psaltis black hole**  
Ağca Ç. U., Tekin B.

- Physical Review D, vol.109, no.10, 2024 (SCI-Expanded)
- VIII. **Coupling Constants as Conserved Charges in Black Hole Thermodynamics**  
Hajian K., TEKİN B.  
Physical Review Letters, vol.132, no.19, 2024 (SCI-Expanded)
- IX. **Instability of a Kerr-type naked singularity due to light and matter accretion and its shadow**  
TAVLAYAN A., TEKİN B.  
Classical and Quantum Gravity, vol.41, no.6, 2024 (SCI-Expanded)
- X. **Mass formulas for individual black holes in merging binaries**  
Ozkarsligil Z. T., TEKİN B.  
EUROPEAN JOURNAL OF PHYSICS, vol.45, no.2, 2024 (SCI-Expanded)
- XI. **Nonstationary energy of perfect fluid sources in general relativity**  
Altas E., TEKİN B.  
Physical Review D, vol.109, no.4, 2024 (SCI-Expanded)
- XII. **Kerr-Vaidya type radiating black holes in semiclassical gravity with conformal anomaly**  
Gürses M., TEKİN B.  
Physical Review D, vol.109, no.2, 2024 (SCI-Expanded)
- XIII. **Systematic construction of Kastor-Traschen currents and their extensions to generic powers of curvature**  
Ozkarsligil Z. T., TEKİN B.  
Physical Review D, vol.108, no.8, 2023 (SCI-Expanded)
- XIV. **A new geometric flow on 3-manifolds: the K-flow**  
Tasseten K., TEKİN B.  
Journal of High Energy Physics, vol.2023, no.10, 2023 (SCI-Expanded)
- XV. **Perturbative Solution of the Einstein Constraints with Spin and Momentum Far Away From a Binary Source in the Bowen-York Formalism**  
Altas E., Ertugrul E., TEKİN B.  
FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS, vol.71, no.8-9, 2023 (SCI-Expanded)
- XVI. **Partition function of a volume of space in a higher curvature theory**  
TAVLAYAN A., TEKİN B.  
Physical Review D, vol.108, no.4, 2023 (SCI-Expanded)
- XVII. **Israel-Wilson-Perjes metrics in a theory with a dilaton field**  
Gürses M., Şişman T. Ç., TEKİN B.  
Physical Review D, vol.108, no.2, 2023 (SCI-Expanded)
- XVIII. **Hawking temperature as the total Gauss-Bonnet invariant of the region outside a black hole**  
Altas E., Tekin B.  
European Physical Journal C, vol.83, no.5, 2023 (SCI-Expanded)
- XIX. **Light rings around five dimensional stationary black holes and naked singularities**  
Tavlayan A., Tekin B.  
PHYSICAL REVIEW D, vol.107, no.2, 2023 (SCI-Expanded)
- XX. **Gauge invariant derivation of zeroth and first laws of black hole thermodynamics**  
Hajian K., Sheikh-Jabbari M., TEKİN B.  
Physical Review D, vol.106, no.10, 2022 (SCI-Expanded)
- XXI. **Anomalous dispersion in gravity theories**  
Altas E., Kilicarslan E., TEKİN B.  
PHYSICAL REVIEW D, vol.105, no.6, 2022 (SCI-Expanded)
- XXII. **Radii of spherical timelike orbits around Kerr black holes**  
TAVLAYAN A., TEKİN B.  
PHYSICAL REVIEW D, vol.104, no.12, 2021 (SCI-Expanded)
- XXIII. **Hyperbolic metamaterials and massive Klein-Gordon equation in (2+1)-dimensional de Sitter spacetime**  
TEKİN B.

- PHYSICAL REVIEW D, vol.104, no.9, 2021 (SCI-Expanded)
- XXIV. **First law of black hole thermodynamics and Smarr formula with a cosmological constant**  
Hajian K, ÖZŞAHİN H., TEKİN B.  
PHYSICAL REVIEW D, vol.104, no.4, 2021 (SCI-Expanded)
- XXV. **Einstein–Yang–Mills theory: gauge invariant charges and linearization instability**  
Altas E., Kilicarslan E., TEKİN B.  
European Physical Journal C, vol.81, no.7, 2021 (SCI-Expanded)
- XXVI. **Approximate analytical description of apparent horizons for initial data with momentum and spin**  
Altas E., TEKİN B.  
Physical Review D, vol.103, no.8, 2021 (SCI-Expanded)
- XXVII. **Bowen-York model solution redux**  
Altas E., Tekin B.  
EUROPEAN PHYSICAL JOURNAL C, vol.81, no.4, 2021 (SCI-Expanded)
- XXVIII. **The three PHYSICISTS**  
Dewitt C., Edelstein J., Tekin B.  
PHYSICS TODAY, vol.74, no.3, pp.42-48, 2021 (SCI-Expanded)
- XXIX. **Exact formulas for spherical photon orbits around Kerr black holes**  
Tavlayan A., Tekin B.  
PHYSICAL REVIEW D, vol.102, 2020 (SCI-Expanded)
- XXX. **Comment on "Einstein-Gauss-Bonnet Gravity in Four-Dimensional Spacetime"**  
Gürses M., Sisman T. C., Tekin B.  
PHYSICAL REVIEW LETTERS, vol.125, 2020 (SCI-Expanded)
- XXXI. **Is there a novel Einstein-Gauss-Bonnet theory in four dimensions?**  
Gürses M., Sisman T. C., Tekin B.  
EUROPEAN PHYSICAL JOURNAL C, vol.80, 2020 (SCI-Expanded)
- XXXII. **Superposition of FLRW universes**  
Gürses M., Heydarzade Y., Tekin B.  
JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, vol.2020, no.6, 2020 (SCI-Expanded)
- XXXIII. **Event horizon detecting invariants**  
Tavlayan A., Tekin B.  
PHYSICAL REVIEW D, vol.101, 2020 (SCI-Expanded)
- XXXIV. **Nonstationary energy in general relativity**  
Altas E., Tekin B.  
PHYSICAL REVIEW D, vol.101, 2020 (SCI-Expanded)
- XXXV. **Conserved charges in extended theories of gravity**  
Adami H., Setare M. R., Sisman T. C., TEKİN B.  
PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS, vol.834, pp.1-85, 2019 (SCI-Expanded)
- XXXVI. **Non-Einsteinian black holes in generic 3D gravity theories**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.100, no.6, 2019 (SCI-Expanded)
- XXXVII. **Exotic massive gravity: Causality and a Birkhoff-like theorem**  
KILIÇARSLAN E., TEKİN B.  
PHYSICAL REVIEW D, vol.100, no.4, 2019 (SCI-Expanded)
- XXXVIII. **Second order perturbation theory in general relativity: Taub charges as integral constraints**  
Altas E., TEKİN B.  
PHYSICAL REVIEW D, vol.99, no.10, 2019 (SCI-Expanded)
- XXXIX. **Conserved charges in AdS: A new formula**  
Altas E., TEKİN B.  
PHYSICAL REVIEW D, vol.99, no.4, 2019 (SCI-Expanded)
- XL. **New approach to conserved charges of generic gravity in AdS spacetimes**  
Altas E., TEKİN B.

- PHYSICAL REVIEW D, vol.99, no.4, 2019 (SCI-Expanded)
- XLI. **Graviton mass and memory**  
Kılıçarslan E., Tekin B.  
EUROPEAN PHYSICAL JOURNAL C, vol.79, 2019 (SCI-Expanded)
- XLII. **Classical double copy: Kerr-Schild-Kundt metrics from Yang-Mills theory**  
Gürses M., Tekin B.  
PHYSICAL REVIEW D, vol.98, 2018 (SCI-Expanded)
- XLIII. **Bachian gravity in three dimensions**  
Alkac G., TEK M., TEKİN B.  
PHYSICAL REVIEW D, vol.98, no.10, 2018 (SCI-Expanded)
- XLIV. **Holographic c-theorem and Born-Infeld gravity theories**  
Alkac G., TEKİN B.  
PHYSICAL REVIEW D, vol.98, no.4, 2018 (SCI-Expanded)
- XLV. **Linearization instability of chiral gravity**  
Altas E., TEKİN B.  
PHYSICAL REVIEW D, vol.97, no.12, 2018 (SCI-Expanded)
- XLVI. **Linearization instability for generic gravity in AdS spacetime**  
Altas E., TEKİN B.  
PHYSICAL REVIEW D, vol.97, no.2, 2018 (SCI-Expanded)
- XLVII. **Entropy in Born-Infeld gravity**  
Alıcı G. D., Kürekci Ş., Tekin B.  
PHYSICAL REVIEW D, vol.96, no.12, 2017 (SCI-Expanded)
- XLVIII. **Unitarity problems in 3D gravity theories**  
Alkac G., Basanisi L., Kılıçarslan E., TEKİN B.  
PHYSICAL REVIEW D, vol.96, no.2, 2017 (SCI-Expanded)
- XLIX. **Causality in 3D massive gravity theories**  
Edelstein J. D., Giribet G., Gomez C., Kılıçarslan E., Leoni M., TEKİN B.  
PHYSICAL REVIEW D, vol.95, no.10, 2017 (SCI-Expanded)
- L. **Kerr-Schild-Kundt metrics are universal**  
GÜRSES M., Sisman T. C., TEKİN B.  
CLASSICAL AND QUANTUM GRAVITY, vol.34, no.7, 2017 (SCI-Expanded)
- LI. **From smooth curves to universal metrics**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.94, no.4, 2016 (SCI-Expanded)
- LII. **Particle content of quadratic and  $f(R-\mu \nu \sigma \rho)$  theories in (A)dS**  
Tekin B.  
PHYSICAL REVIEW D, vol.93, 2016 (SCI-Expanded)
- LIII. **Stern-Gerlach experiment with higher spins**  
TEKİN B.  
EUROPEAN JOURNAL OF PHYSICS, vol.37, no.3, 2016 (SCI-Expanded)
- LIV. **Minimal extension of Einstein's theory: The quartic gravity**  
KARASU A., Kenar E., TEKİN B.  
PHYSICAL REVIEW D, vol.93, no.8, 2016 (SCI-Expanded)
- LV. **Asymptotically flat black holes in 2+1 dimensions**  
Alkac G., Kılıçarslan E., TEKİN B.  
PHYSICAL REVIEW D, vol.93, no.8, 2016 (SCI-Expanded)
- LVI. **Gravitomagnetism in massive gravity**  
TAŞSETEN ATA K., TEKİN B.  
PHYSICAL REVIEW D, vol.93, no.4, 2016 (SCI-Expanded)
- LVII. **Holographically viable extensions of topologically massive and minimal massive gravity?**  
Altas E., TEKİN B.

- PHYSICAL REVIEW D, vol.93, no.2, 2016 (SCI-Expanded)
- LVIII. **Born-Infeld gravity with a unique vacuum and a massless graviton**  
Gullu I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.92, no.10, 2015 (SCI-Expanded)
- LIX. **Gravity waves in three dimensions**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.92, no.8, 2015 (SCI-Expanded)
- LX. **Exact solutions and the consistency of 3D minimal massive gravity**  
Altas E., TEKİN B.  
PHYSICAL REVIEW D, vol.92, no.2, 2015 (SCI-Expanded)
- LXI. **Bulk and boundary unitary gravity in 3D: MMG(2)**  
TEKİN B.  
PHYSICAL REVIEW D, vol.92, no.2, 2015 (SCI-Expanded)
- LXII. **More on Cotton flow**  
Kilicarslan E., Dengiz S., TEKİN B.  
JOURNAL OF HIGH ENERGY PHYSICS, no.6, 2015 (SCI-Expanded)
- LXIII. **Born-Infeld gravity with a massless graviton in four dimensions**  
Guellue I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.91, no.4, 2015 (SCI-Expanded)
- LXIV. **AdS-plane wave and pp-wave solutions of generic gravity theories**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.90, no.12, 2014 (SCI-Expanded)
- LXV. **Minimal massive gravity: Conserved charges, excitations, and the chiral gravity limit**  
Tekin B.  
PHYSICAL REVIEW D, vol.90, no.8, 2014 (SCI-Expanded)
- LXVI. **Scattering in topologically massive gravity, chiral gravity, and the corresponding anyon-anyon potential energy**  
Dengiz S., Kilicarslan E., TEKİN B.  
PHYSICAL REVIEW D, vol.89, no.2, 2014 (SCI-Expanded)
- LXVII. **Spin-spin interactions in massive gravity and higher derivative gravity theories**  
Gullu I., TEKİN B.  
PHYSICS LETTERS B, vol.728, pp.268-273, 2014 (SCI-Expanded)
- LXVIII. **Anti-de Sitter-Wave Solutions of Higher Derivative Theories**  
GÜRSES M., Hervik S., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW LETTERS, vol.111, no.10, 2013 (SCI-Expanded)
- LXIX. **Energy and angular momentum in generic F (Riemann) theories**  
Senturk C., Sisman T. C., Tekin B.  
PHYSICAL REVIEW D, vol.86, 2012 (SCI-Expanded)
- LXX. **Weyl gauging of topologically massive gravity**  
Dengiz S., Kilicarslan E., TEKİN B.  
PHYSICAL REVIEW D, vol.86, no.10, 2012 (SCI-Expanded)
- LXXI. **Spectra, vacua, and the unitarity of Lovelock gravity in D-dimensional AdS spacetimes**  
Sisman T. C., Gullu I., TEKİN B.  
PHYSICAL REVIEW D, vol.86, no.4, 2012 (SCI-Expanded)
- LXXII. **New exact solutions of quadratic curvature gravity**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.86, no.2, 2012 (SCI-Expanded)
- LXXIII. **Some exact solutions of all f(R- $\mu$   $\nu$ ) theories in three dimensions**  
GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.86, no.2, 2012 (SCI-Expanded)
- LXXIV. **Sonochemical approach for rapid growth of zinc oxide nanowalls**

Nayak A. P., Katzenmeyer A. M., Goshō Y., TEKİN B., Islam M. S.

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.107, no.3, pp.661-667, 2012 (SCI-Expanded)

- LXXV. **Weyl-invariant higher curvature gravity theories in n dimensions**  
Tanhayi M. R., Dengiz S., TEKİN B.  
PHYSICAL REVIEW D, vol.85, no.6, 2012 (SCI-Expanded)
- LXXVI. **Unitarity of Weyl-invariant new massive gravity and generation of graviton mass via symmetry breaking**  
Tanhayi M. R., Dengiz S., TEKİN B.  
PHYSICAL REVIEW D, vol.85, no.6, 2012 (SCI-Expanded)
- LXXVII. **All unitary cubic curvature gravities in D dimensions**  
Sisman T. C., Gullu I., TEKİN B.  
CLASSICAL AND QUANTUM GRAVITY, vol.28, no.19, 2011 (SCI-Expanded)
- LXXVIII. **Higgs mechanism for new massive gravity and Weyl-invariant extensions of higher-derivative theories**  
Dengiz S., TEKİN B.  
PHYSICAL REVIEW D, vol.84, no.2, 2011 (SCI-Expanded)
- LXXIX. **Covariant symplectic structure and conserved charges of topologically massive gravity**  
Nazaroglu C., Nutku Y., TEKİN B.  
PHYSICAL REVIEW D, vol.83, no.12, 2011 (SCI-Expanded)
- LXXX. **AdS waves as exact solutions to quadratic gravity**  
Gullu I., GÜRSES M., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.83, no.8, 2011 (SCI-Expanded)
- LXXXI. **Critical points of D-dimensional extended gravities**  
Deser S., Liu H., Lue H., Pope C. N., Sisman T. C., Tekin B.  
PHYSICAL REVIEW D, vol.83, 2011 (SCI-Expanded)
- LXXXII. **All bulk and boundary unitary cubic curvature theories in three dimensions**  
Gullu I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.83, no.2, 2011 (SCI-Expanded)
- LXXXIII. **Unitarity analysis of general Born-Infeld gravity theories**  
Gullu I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.82, no.12, 2010 (SCI-Expanded)
- LXXXIV. **Born-Infeld extension of new massive gravity**  
Gullu I., Sisman T. C., Tekin B.  
CLASSICAL AND QUANTUM GRAVITY, vol.27, 2010 (SCI-Expanded)
- LXXXV. **c-functions in the Born-Infeld extended new massive gravity**  
Gullu I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.82, no.2, 2010 (SCI-Expanded)
- LXXXVI. **Canonical structure of higher derivative gravity in 3D**  
Gullu I., Sisman T. C., TEKİN B.  
PHYSICAL REVIEW D, vol.81, no.10, 2010 (SCI-Expanded)
- LXXXVII. **Born-Infeld-Horava gravity**  
Gullu I., Sisman T. C., TEKİN B.  
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- LXXXVIII. **Green's matrix for a second-order self-adjoint matrix differential operator**  
Sisman T. C., TEKİN B.  
JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL, vol.43, no.12, 2010 (SCI-Expanded)
- LXXXIX. **Massive higher derivative gravity in D-dimensional anti-de Sitter spacetimes**  
Guellue I., TEKİN B.  
PHYSICAL REVIEW D, vol.80, no.6, 2009 (SCI-Expanded)
- XC. **Self-dual solutions of Yang-Mills theory on Euclidean AdS space**  
SARIOĞLU B. Ö., TEKİN B.

- PHYSICAL REVIEW D, vol.79, no.10, 2009 (SCI-Expanded)
- XCI. **Note on cosmological Levi-Civita spacetimes in higher dimensions**  
SARIOĞLU B. Ö., TEKİN B.  
PHYSICAL REVIEW D, vol.79, no.8, 2009 (SCI-Expanded)
- XCII. **Comment on 'A second anti-de Sitter universe'**  
SARIOĞLU B. Ö., TEKİN B.  
CLASSICAL AND QUANTUM GRAVITY, vol.26, no.4, 2009 (SCI-Expanded)
- XCIII. **Finite mass gravitating Yang monopoles**  
CEBECİ H., Sarioglu O., TEKİN B.  
PHYSICAL REVIEW D, vol.78, no.12, 2008 (SCI-Expanded)
- XCIV. **Cotton flow**  
Kisisel A. U. O., Sarioglu O., TEKİN B.  
CLASSICAL AND QUANTUM GRAVITY, vol.25, no.16, 2008 (SCI-Expanded)
- XCV. **Chern-Simons modified general relativity: Conserved charges**  
TEKİN B.  
PHYSICAL REVIEW D, vol.77, no.2, 2008 (SCI-Expanded)
- XCVI. **Spherically symmetric solutions of Einstein plus non-polynomial gravities**  
Deser S., Sarioglu O., TEKİN B.  
GENERAL RELATIVITY AND GRAVITATION, vol.40, no.1, pp.1-7, 2008 (SCI-Expanded)
- XCVII. **New energy definition for higher-curvature gravities**  
Deser S., Tekin B.  
PHYSICAL REVIEW D, vol.75, no.8, 2007 (SCI-Expanded)
- XCVIII. **Topologically massive gravity as a Pais-Uhlenbeck oscillator**  
Sarioglu O., Tekin B.  
CLASSICAL AND QUANTUM GRAVITY, vol.23, no.24, pp.7541-7549, 2006 (SCI-Expanded)
- XCIX. **Conformal properties of charges in scalar-tensor gravities**  
Deser S., Tekin B.  
CLASSICAL AND QUANTUM GRAVITY, vol.23, no.24, pp.7479-7482, 2006 (SCI-Expanded)
- C. **Gravitational charges of transverse asymptotically AdS spacetimes**  
Cebeci H., Sarioglu O., Tekin B.  
PHYSICAL REVIEW D, vol.74, no.12, 2006 (SCI-Expanded)
- CI. **Negative mass solitons in gravity**  
Cebeci H., Sarioglu O., Tekin B.  
PHYSICAL REVIEW D, vol.73, no.6, 2006 (SCI-Expanded)
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Brandeis University

University of Oxford