

# Prof. UĞUR CAMCI

## Personal Information

**Office Phone:** [+90 242 227 8900](tel:+902422278900) Extension: 2291

**Fax Phone:** [+90 242 227 8911](tel:+902422278911)

**Email:** [ucamci@akdeniz.edu.tr](mailto:ucamci@akdeniz.edu.tr)

**Web:** <https://avesis.akdeniz.edu.tr/ucamci>

**Address:** Akdeniz Universitesi, Fen Fakültesi Fizik Bölümü Konyaaltı/Antalya

## Education

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Genel Astronomi, Turkey 1992 - 1995

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Genel Astronomi, Turkey 1990 - 1992

Undergraduate, Ege University, Faculty Of Science, Astronomi Ve Uzay Bilimleri, Turkey 1986 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Mathematics, Differential Equations, Physics, Astronomy and Astrophysics, Basic Particles and Areas, General Theory of Particles and Fields, Natural Sciences

## Academic Positions

Professor, Akdeniz University, Fen-Edebiyat Fakültesi, Fizik, 2009 - Continues

Professor, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Fizik, 2007 - 2009

Associate Professor, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Fizik, 2002 - 2007

Assistant Professor, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi, Matematik, 1996 - 2002

## Academic and Administrative Experience

Akdeniz University, Fen Fakültesi / Fizik, Fizik Bölümü, 2014 - Continues

Akdeniz University, Fen Fakültesi / Fizik, Fizik Bölümü, 2012 - Continues

Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi / Matematik, Matematik, 2001 - 2002

Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi / Matematik, Matematik, 1999 - 2000

Canakkale Onsekiz Mart University, Mühendislik Fakültesi, 1995 - 1995

## Supervised Theses

CAMCI U., Uzay-zaman simetrisi ve noether simetrisi arasındaki ilişkiler, Postgraduate, A.Yıldırım(Student), 2014

CAMCI U., Bazı Uzay-zamanların Noether Simetrileri, Postgraduate, A.Yıldırım(Student), 2014

CAMCI U., Bazı Bianchi Evren Modelleri İçin Kozmolojik Parametrelerin İncelenmesi, Postgraduate, I.BAŞARAN(Student), 2012

CAMCI U., Bazı Bianchi evren modelleri için kozmolojik parametrelerin belirlenmesi, Postgraduate, I.Başaran(Student), 2012

## Jury Memberships

Associate Professor Exam, Prof. Dr. Uğur CAMCI, İstanbul Teknik Üniversitesi, October, 2014

Associate Professor Exam, Prof. Dr. Uğur CAMCI, Yıldız Teknik Üniversitesi, October, 2014

Associate Professor Exam, Prof. Dr. Uğur CAMCI, Boğaziçi Üniversitesi, October, 2014

Associate Professor Exam, Prof. Dr. Uğur CAMCI, Boğaziçi Üniversitesi, February, 2014

Academic Staff Examination, Prof. Dr. Uğur CAMCI, Akdeniz Üniversitesi, November, 2013

Associate Professor Exam, Prof. Dr. Uğur CAMCI, Akdeniz Üniversitesi, October, 2013

Associate Professor Exam, Prof. Dr. Uğur CAMCI, İstanbul Teknik Üniversitesi, September, 2013

Associate Professor Exam, Prof. Dr. Uğur CAMCI, Haliç Üniversitesi, February, 2013

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **Accretion on Reissner-Nordstrom-(anti)-de Sitter black hole with global monopole**  
Ahmed A. K., Camci U., Jamil M.  
CLASSICAL AND QUANTUM GRAVITY, vol.33, no.21, 2016 (SCI-Expanded)
- II. **Scalar-tensor teleparallel wormholes by Noether symmetries**  
Bahamonde S., Camci U., Capozziello S., Jamil M.  
PHYSICAL REVIEW D, vol.94, no.8, 2016 (SCI-Expanded)
- III. **New exact solutions of Bianchi I, Bianchi III and Kantowski-Sachs spacetimes in scalar-coupled gravity theories via Noether gauge symmetries**  
Camci U., YILDIRIM A., OZ I. B.  
ASTROPARTICLE PHYSICS, vol.76, pp.29-37, 2016 (SCI-Expanded)
- IV. **Noether gauge symmetry classes for pp-wave spacetimes**  
Camci U., YILDIRIM A.  
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.12, no.10, 2015 (SCI-Expanded)
- V. **Approximate Noether gauge symmetries of the Bardeen model**  
Camci U.  
EUROPEAN PHYSICAL JOURNAL C, vol.74, no.12, 2014 (SCI-Expanded)
- VI. **The geometric nature of approximate Noether gauge symmetries**  
Camci U.  
GENERAL RELATIVITY AND GRAVITATION, vol.46, no.11, 2014 (SCI-Expanded)
- VII. **Lie and Noether symmetries in some classes of pp-wave spacetimes**  
Camci U., YILDIRIM A.  
PHYSICA SCRIPTA, vol.89, no.8, 2014 (SCI-Expanded)
- VIII. **Symmetries of geodesic motion in Godel-type spacetimes**  
Camci U.  
JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, vol.2014, no.7, 2014 (SCI-Expanded)
- IX. **Invariances and Conservation Laws Based on Some FRW Universes**  
Camci U., Jamal S., Kara A. H.  
INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, vol.53, no.5, pp.1483-1494, 2014 (SCI-Expanded)
- X. **Shadow of Kerr-Taub-NUT black hole**  
ABDUJABBAROV A., Atamurotov F., KUCUKAKCA Y., AHMEDOV B., Camci U.

- ASTROPHYSICS AND SPACE SCIENCE, vol.344, no.2, pp.429-435, 2013 (SCI-Expanded)
- XI. **LRS Bianchi type I universes exhibiting Noether symmetry in the scalar-tensor Brans-Dicke theory**  
KUCUKAKCA Y., Camci U., Semiz I.  
GENERAL RELATIVITY AND GRAVITATION, vol.44, no.8, pp.1893-1917, 2012 (SCI-Expanded)
- XII. **Noether gauge symmetry for  $f(R)$  gravity in Palatini formalism**  
KUCUKAKCA Y., Camci U.  
ASTROPHYSICS AND SPACE SCIENCE, vol.338, no.1, pp.211-216, 2012 (SCI-Expanded)
- XIII. **Curvature and Weyl collineations of Bianchi type V spacetimes**  
Camci U., HUSSAIN I., Kucukakca Y.  
JOURNAL OF GEOMETRY AND PHYSICS, vol.59, no.11, pp.1476-1484, 2009 (SCI-Expanded)
- XIV. **Conformal Ricci collineations of static spherically symmetric spacetimes**  
Camci U., QADIR A., Saifullah K.  
COMMUNICATIONS IN THEORETICAL PHYSICS, vol.49, no.6, pp.1527-1532, 2008 (SCI-Expanded)
- XV. **Noether symmetries of Bianchi I, Bianchi III, and Kantowski-Sachs spacetimes in scalar-coupled gravity theories**  
Camci U., KUCUKAKCA Y.  
PHYSICAL REVIEW D, vol.76, no.8, 2007 (SCI-Expanded)
- XVI. **Dirac constraint analysis and symplectic structure of anti-self-dual Yang-Mills equations**  
Camci U., Can Z., Nutku Y., Sucu Y., Yazici D.  
PRAMANA-JOURNAL OF PHYSICS, vol.67, no.6, pp.1043-1053, 2006 (SCI-Expanded)
- XVII. **Matter collineation classification of Bianchi type II spacetime**  
Camci U., SAHIN E.  
GENERAL RELATIVITY AND GRAVITATION, vol.38, no.9, pp.1331-1346, 2006 (SCI-Expanded)
- XVIII. **Matter collineations of Bianchi V spacetime**  
Camci U.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.14, no.6, pp.1023-1036, 2005 (SCI-Expanded)
- XIX. **Ricci collineations in perfect fluid Bianchi V spacetime**  
Camci U., TURKYILMAZ İ.  
GENERAL RELATIVITY AND GRAVITATION, vol.36, no.9, pp.2005-2019, 2004 (SCI-Expanded)
- XX. **Dirac analysis and integrability of geodesic equations for cylindrically symmetric spacetimes**  
Camci U.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.12, no.8, pp.1431-1444, 2003 (SCI-Expanded)
- XXI. **Matter collineations of spacetime homogeneous Godel-type metrics**  
Camci U., SHARIF M.  
CLASSICAL AND QUANTUM GRAVITY, vol.20, no.11, pp.2169-2179, 2003 (SCI-Expanded)
- XXII. **Classifications of Kantowski-Sachs, Bianchi types I and III spacetimes according to Ricci collineations**  
Camci U., YAVUZ İ.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.12, no.1, pp.89-100, 2003 (SCI-Expanded)
- XXIII. **Matter collineations in Kantowski-Sachs, Bianchi types I and III spacetimes**  
Camci U., SHARIF M.  
GENERAL RELATIVITY AND GRAVITATION, vol.35, no.1, pp.97-109, 2003 (SCI-Expanded)
- XXIV. **Conformal collineations and Ricci inheritance symmetry in string cloud and string fluids**  
Camci U.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.11, no.3, pp.353-366, 2002 (SCI-Expanded)
- XXV. **Conformal collineations in string cosmology**  
BAYSAL H., Camci U., TARHAN İ., YILMAZ İ., YAVUZ İ.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.11, no.3, pp.463-469, 2002 (SCI-Expanded)
- XXVI. **Ricci collineations in Friedmann-Robertson-Walker spacetimes**  
Camci U., BARNES A.  
CLASSICAL AND QUANTUM GRAVITY, vol.19, no.2, pp.393-404, 2002 (SCI-Expanded)
- XXVII. **Ricci collineations of the Bianchi types I and III, and Kantowski-Sachs spacetimes**

- Camci U., BAYSAL H., TARHAN İ., YILMAZ İ., YAVUZ İ.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.10, no.5, pp.751-765, 2001 (SCI-Expanded)
- XXVIII. **Generation of Bianchi type V universes filled with a perfect fluid**  
Camci U., YAVUZ İ., BAYSAL H., TARHAN İ., YILMAZ İ.  
ASTROPHYSICS AND SPACE SCIENCE, vol.275, no.4, pp.391-400, 2001 (SCI-Expanded)
- XXIX. **Curvature inheritance symmetry in Riemannian spaces with applications to string cloud and string fluids**  
YILMAZ İ., TARHAN İ., YAVUZ İ., BAYSAL H., Camci U.  
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.8, no.5, pp.659-668, 1999 (SCI-Expanded)
- XXX. **Ricci collineations of the Bianchi type II, VIII, and IX space-times**  
YAVUZ İ., Camci U.  
GENERAL RELATIVITY AND GRAVITATION, vol.28, no.6, pp.691-700, 1996 (SCI-Expanded)

## Articles Published in Other Journals

- I. **String Cosmological Models in Cylindrically Symmetric Inhomogeneous Universe**  
BAYSAL H., YAVUZ İ., TARHAN İ., CAMCI U., YILMAZ İ.  
Turkish Journal of Physics, vol.25, pp.283-292, 2001 (Scopus)

## Books

- I. **Mathematical Physics: Proceedings of The 13th Regional Conference**  
CAMCI U., SEMİZ İ.  
World Scientific Publishing , Singapore, 2013

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Noether gauge symmetries of geodesic motion in stationary and nonstatic Gödel-type spacetimes**  
CAMCI U.  
International Journal of Modern Physics: Conference Series, Symmetries, Differential Equations and Applications (SDEA-II), Islamabad, Pakistan, 27 - 30 January 2014, vol.38, pp.1560072
- II. **Noether gauge symmetries of some Bianchi type spacetimes in  $f(R)$  gravity within Palatini approach**  
CAMCI U., KÜÇÜKAKÇA Y.  
SDEA Conference University of the Witwatersrand School of Computational and Applied Mathematics, Johannesburg, South Africa, 24 - 27 January 2012, pp.33
- III. **Noether symmetries of Bianchi type I space-times in  $f(R)$  gravity**  
KÜÇÜKAKÇA Y., CAMCI U.  
13th Regional Conference on Mathematical Physics, Antalya, Turkey, 27 - 31 October 2010, pp.2, (Full Text)
- IV. **INTEGRABILITY CONDITIONS FOR CONFORMAL RICCI COLLINEATION EQUATIONS**  
Afzal M., CAMCI U., Saifullah K.  
THE 13TH REGIONAL CONFERENCE ON MATHEMATICAL PHYSICS, Antalya, Turkey, 27 - 31 October 2010, pp.103-115
- V. **Time Dependent Harmonic Oscillator and Quasi-Coherent States**  
ÜNAL N., CAMCI U., Semiz İ.  
13th Regional Conference on Mathematical Physics, Antalya, Turkey, 27 - 31 October 2010, pp.94-100
- VI. **Bianchi Tip Uzay Zamanların Madde ve Eğrilik Simetrileri Arasındaki İlişkiler**  
Yücel N., CAMCI U., KÜÇÜKAKÇA Y.  
TFD 26.Uluslararası Fizik Kongresi, Muğla, Turkey, 29 August - 03 September 2009, pp.100, (Summary Text)

## VII. BIANCHI TIP II UZAY ZAMANININ EĞRİLİK SİMETRİLERİ

Yücel N., CAMCI U., KÜÇÜKAKÇA Y.

TFD 25.Uluslararası Fizik Kongresi, Muğla, Turkey, 25 - 29 September 2008, pp.100

## VIII. Curvature Collineations of Some Static Spherically Symmetric Spacetimes

Başer M., Camcı U., Yücel N., Küçükakça Y.

24th. International Physics Congress, Malatya, Turkey, 28 - 31 August 2007, pp.226, (Summary Text)

## IX. Ricci Collineations in Bianchi II Spacetime

CAMCI U.

12th Regional Conference on Mathematical Physics, Islamabad, Pakistan, 27 March - 01 April 2006, pp.12-25

## X. Collineations of (2+1)-Dimensional Friedmann-Robertson-Walker Spacetimes

CAMCI U.

International Workshop on Global Analysis, Ankara, Turkey, 15 - 17 April 2004, pp.114-123

## XI. Matter Collineations of Some Well-known Rotating Metrics

CAMCI U., SHARIF M.

Workshop on Applications of Symmetry Methods, Islamabad, Pakistan, 15 - 17 October 2002, pp.111-123

## Funded Projects

CAMCI U., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Teleskop Uzmanı Yetiştirme Projesi, 2010 - 2012

CAMCI U., TÜBİTAK Project, Uzay-zamanların Eğrilik Simetrisinin ve Bunların Diğer Geometrik Simetrisi ile İlişkilerinin Belirlenmesi, 2007 - 2009

CAMCI U., TÜBİTAK Project, Bianchi Tip I, III ve Kantowski-Sachs Uzay-zamanlarının Ricci Collinasyonları, 1997 - 1999

## Peer Reviews in Scientific Publications

International Journal of Geometric Methods in Modern Physics, SCI Journal, October 2014

INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, SCI Journal, August 2014

International Journal of Geometric Methods in Modern Physics, SCI Journal, May 2014

Canadian Journal of Physics, SCI Journal, April 2014

International Journal of Non-Linear Mechanics, SCI Journal, March 2014

Journal of Applied and Computational Mathematics, SCI Journal, April 2013

INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, SCI Journal, April 2013

## Metrics

Publication: 43

Citation (WoS): 684

Citation (Scopus): 759

H-Index (WoS): 15

H-Index (Scopus): 16

## Congress and Symposium Activities

14th Regional Conference on Mathematical Physics, Attendee, Islâmâbâd, Pakistan, 2015

14th Regional Conference on Mathematical Physics, Invited Speaker, Islamabad, Pakistan, 2015

14th Workshop on Quantization, Dualities and Integrable Systems, Attendee, Eastern Mediterranean University/Famagusta, Cyprus (Kktc), 2015

14th Workshop on Quantization, Dualities and Integrable Systems, Invited Speaker, Cyprus (Kktc), 2015

International Conference on Relativistic Astrophysics (ICRA), Invited Speaker, Pakistan, 2015

International Conference on Relativistic Astrophysics (ICRA), Attendee, University of the Punjab / Lahore, Pakistan, 2015

Symmetries, Differential Equations and Applications (SDEA-II) Conference, Attendee, National University of Sciences and Technology / Islamabad, Pakistan, 2014

Symmetries, Differential Equations and Applications (SDEA - II), Invited Speaker, Pakistan, 2014

Symmetries, Differential Equations and Applications (SDEA) Conference, Attendee, University of the Witwatersrand / Johannesburg, South Africa, 2012

12th Regional Conference on Mathematical Physics, Invited Speaker, Pakistan, 2006

Workshop on Applications of Symmetry Methods held at Mathematics Department, Invited Speaker, Pakistan, 2002