

Prof. Kürşat AKBULUT

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 170718

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 2004 - 2009

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Eğitimi - Anabilim Dalı, Turkey 2002 - 2004

Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey 1996 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Tanjant Demette İnfinitesimal Dönüşümler, Atatürk Üniversitesi, Matematik, Matematik/Geometri, 2009

Postgraduate, Limit Öğretimi ve Kavram Yanılgıları, Atatürk Üniversitesi, Matematik, Matematik/Geometri, 2004

Research Areas

Mathematics, Geometry, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2017 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Matematik, 2012 - 2017

Assistant Professor, Ataturk University, Fen Fakültesi, Matematik, 2009 - 2012

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 2002 - 2009

Academic and Administrative Experience

Atatürk Üniversitesi, Açıköğretim Fakültesi, 2011 - 2016

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Açıköğretim Fakültesi, -, 2011 - 2016

Erasmus Coordinator, Ataturk University, Fen Fakültesi, Matematik, 2004 - 2006

Courses

İLERİ DİFERANSİYEL GEOMETRİ II, Postgraduate, 2023 - 2024
Diferansiyel denklemler , Undergraduate, 2023 - 2024
SEMİNER, Undergraduate, 2022 - 2023
Temel Matematik , Undergraduate, 2023 - 2024
İLERİ DİFERANSİYEL GEOMETRİ I, Postgraduate, 2023 - 2024
Analitik Geometri 1, Undergraduate, 2023 - 2024
GENEL MATEMATİK II, Undergraduate, 2022 - 2023
Diferensiyellenebilir Manifolrlara Giriş, Undergraduate, 2023 - 2024
KOMPLEKS UZAYLARDA DİFERANSİYEL GEOMETRİ II, Doctorate, 2022 - 2023
MATEMATİK II, Undergraduate, 2022 - 2023
RIEMANNIAN GEOMETRI I, Doctorate, 2023 - 2024
Undergraduate, 2021 - 2022
Doctorate, 2021 - 2022
Undergraduate, 2021 - 2022
EUCLID DIŞI GEOMETRİLER, Undergraduate, 2022 - 2023
GENEL MATEMATİK-1, Undergraduate, 2022 - 2023
Matematik II, Undergraduate, 2021 - 2022
MATEMATİK 1, Undergraduate, 2022 - 2023
İLERİ DİFERANSİYEL GEOMETRİ II, Postgraduate, 2021 - 2022
MATEMATİĞE GİRİŞ, Undergraduate, 2022 - 2023
Undergraduate, 2021 - 2022
MATEMATİK I, Undergraduate, 2021 - 2022
Eğri ve Yüzeylerin Diferansiyel Geometrisi I, Postgraduate, 2020 - 2021
DİFERANSİYEL DENKLEMLER I, Undergraduate, 2021 - 2022
Postgraduate, 2020 - 2021
İLERİ DİFERANSİYEL GEOMETRİ I, Postgraduate, 2020 - 2021
Undergraduate, 2019 - 2020
Undergraduate, 2020 - 2021
Undergraduate, 2020 - 2021

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, December, 2023
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2023
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, September, 2021
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, September, 2021
Associate Professor Exam, Associate Professor Exam, Ataturk University, January, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, October, 2020
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, November, 2019
Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2019
Associate Professor Exam, Associate Professor Exam, Ataturk University, March, 2019
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, December, 2018
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2018
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, December, 2017
Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, December, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Operators applied to polynomial structures on the semi-tangent bundle**
YILDIRIM F., AKBULUT K., Kir M.
International Journal of Geometric Methods in Modern Physics, 2024 (SCI-Expanded)
- II. **Musical Isomorphisms and Problems of Lifts**
Cakan R., AKBULUT K., SALIMOV A.
CHINESE ANNALS OF MATHEMATICS SERIES B, vol.37, no.3, pp.323-330, 2016 (SCI-Expanded)
- III. **On an isotropic property of anti-Kähler-Codazzi manifolds**
Salimov A., Akbulut K., Turanlı S.
COMPTES RENDUS MATHEMATIQUE, vol.351, pp.837-839, 2013 (SCI-Expanded)
- IV. **NOTES ON PARA-NORDEN-WALKER 4-MANIFOLDS**
Salimov A., İşcan M., Akbulut K.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.7, no.8, pp.1331-1347, 2010 (SCI-Expanded)
- V. **Geodesics of Sasakian Metrics on Tensor Bundles**
SALIMOV A., GEZER A., AKBULUT K.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.6, no.2, pp.135-147, 2009 (SCI-Expanded)
- VI. **A note on a paraholomorphic Cheeger-Gromoll metric**
Salimov A., Akbulut K.
PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.119, no.2, pp.187-195, 2009 (SCI-Expanded)
- VII. **A NOTE ON INTEGRABILITY OF ALMOST PRODUCT RIEMANNIAN STRUCTURES**
Salimov A., Akbulut K., Aslancı S.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.34, pp.153-157, 2009 (SCI-Expanded)
- VIII. **Some remarks concerning hyperholomorphic B-manifolds**
Salimov A., İşcan M., Akbulut K.
CHINESE ANNALS OF MATHEMATICS SERIES B, vol.29, pp.631-640, 2008 (SCI-Expanded)
- IX. **Infinitesimal automorphisms in the tangent bundle of a Riemannian manifold with horizontal lift of affine connection**
GEZER A., AKBULUT K.
Chiang Mai Journal Of Science, vol.34, no.2, pp.151-159, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Covariant derivatives of prolongations on the semi-tangent bundle**
YILDIRIM F., AKBULUT K., GEZER A.
Advanced Studies: Euro-Tbilisi Mathematical Journal, vol.17, no.4, pp.17-31, 2024 (ESCI)
- II. **Some Properties of Diagonal Lifts in Semi-Cotangent Bundles**
Akbulut K., Yıldırım F.
Applied Mathematics and Nonlinear Sciences, no.1, pp.1-10, 2020 (Scopus)
- III. **Some notes on vector fields in the tangent bundle**
AKBULUT K., CENGİZ N., YILDIRIM F.
New Trends in Mathematical Science, vol.4, no.7, pp.465-472, 2019 (Peer-Reviewed Journal)
- IV. **A Infinitesimal holomorphically projective transformations on tangent bundles with respect to the synectic metric tensor**
GEZER A., AKBULUT K., SALIMOV A.

JP Journal of Geometry and Topology,, vol.9, no.3, pp.225-237, 2009 (Peer-Reviewed Journal)

- V. **Infinitesimal holomorphically projective transformations on tangent bundles with respect to the synectic metric tensor,**
Gezer A., Akbulut K., Salmov A.
JP JOURNAL OF GEOMETRY AND TOPOLOGY, vol.9, no.3, pp.225-237, 2009 (Peer-Reviewed Journal)
- VI. **Geodesics and Killing vector fields in a tangent bundle**
GEZER A., AKBULUT K.
Journal of Quality Measurement and Analysis, vol.2, no.1, pp.115-121, 2006 (Peer-Reviewed Journal)
- VII. **Infinitesimal affine transformations in a tangent bundle of a Riemannian manifold with affine connection of Synectic Lift Connection**
Akbulut K., Salmov A.
Journal of Quality Measurement and Analysis, vol.2, no.1, pp.29-36, 2006 (Peer-Reviewed Journal)
- VIII. **Infinitesimal affine transformations in the tangent bundle of a Riemannian manifold with respect to the horizontal lift of an affine connection.**
Gezer A., Akbulut K.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.29, no.2, pp.155-159, 2006 (Peer-Reviewed Journal)
- IX. **Investigation of effectiveness of interactive teaching strategy on understanding of limit concept and encountered misconceptions in this process**
AKBULUT K., İŞİK A.
Gazi Üniversitesi Kastamonu Eğitim Fakültesi Dergisi, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **ON LIE DIFFERENTIABILITY CONDITIONS OF SOME POLYNOMIAL STRUCTURES IN THE SEMI TANGENT BUNDLE**
AKBULUT K., YILDIRIM F., GÜNEŞ İ.
2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS 2023), Ankara, Turkey, 14 - 17 November 2023
- II. **Pseudo-Riemannian Metric and Lorentzian Almost r-Paracontact Structure On The Semi-Tangent Bundle**
YILDIRIM F., AKBULUT K., ÇAĞLAR G.
2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS 2023), Ankara, Turkey, 14 - 17 November 2023
- III. **Covariant Derivatives of Structures on Semi Tangent Bundle**
YILDIRIM F., AKBULUT K., ATASEVER K.
2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences (ISCDFAMS 2023), Ankara, Turkey, 14 November 2023
- IV. **Some Notes on Almost Contact Structure and Almost Paracontact Structure in Semi-Tangent Bundle $t(M)$**
SALIMOV A., YILDIRIM F., AKBULUT K., ATASEVER K.
The Seventh International Conference on Computational Mathematics and Engineering Sciences (CMES-2023), Elazığ, Turkey, 20 - 21 May 2023, pp.157
- V. **ON SEMI TANGENT BUNDLE**
Akbulut K., Yıldırım F.
5th International Conference on Mathematics and Related Sciences (ICMRS 2022), Antalya, Turkey, 27 - 30 October 2022, pp.24-36
- VI. **Some Properties of Diagonal Lifts in Semi-Cotangent Bundles**
Akbulut K., Yıldırım F.
2nd International Conference on Mathematical and Related Sciences, Antalya, Turkey, 27 - 29 April 2019, vol.6,

no.1, pp.479-488

- VII. **Some Remarks Concerning Diagonal Lifts in The Semi-Cotangent Bundle**
AKBULUT K., YILDIRIM F.
The Fourth International Conference on Computational Mathematics and Engineering Sciences (CMES-2019),
Antalya, Turkey, 20 - 22 April 2019, pp.222
- VIII. **Some Notes On Vector Fields in Tangent Bundle**
AKBULUT K., CENGİZ N., YILDIRIM F.
The Fourth International Conference on Computational Mathematics and Engineering Sciences (CMES-2019),
Antalya, Turkey, 20 - 22 April 2019, pp.216
- IX. **A Note on Special Class of Semi-Tensor Bundle**
YILDIRIM F., AKBULUT K.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 3 - 07 July 2017,
pp.261
- X. **Musical Isomorphisms from Semi-Tangent Bundle to Semi-Cotangent Bundle**
YILDIRIM F., AKBULUT K.
15. International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017, pp.61
- XI. **On a Special Class of Semi-Tensor Bundle**
AKBULUT K., YILDIRIM F.
2. International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 18 - 21 April
2017, pp.70
- XII. **Cross-Sections in a Special Class of Semi-Cotangent Bundles**
YILDIRIM F., AKBULUT K.
VII. International Joint Conference of the Georgian Mathematical Union and Georgian Mechanical Union, Batumi,
Georgia, 5 - 09 September 2016, pp.235
- XIII. **Complete lifts of tensor fields of type 1 1 on cross sections in a special class of semi cotangent
bundles**
AKBULUT K., YILDIRIM F.
XIV. Geometry Sym., Pamukkale, Turkey, 2016, 25 - 28 May 2016
- XIV. **Diagonal lift problems in the semi cotangent bundle**
AKBULUT K., YILDIRIM F.
ICANAS, Antalya, Turkey, 21 - 23 April 2016
- XV. **Horizontal Lifts to Pullback Bundle of the Tangent Bundle**
YILDIRIM F., AKBULUT K.
XIII. GEOMETRİ SEMPOZYUMU, İstanbul, Turkey, 27 - 30 July 2015
- XVI. **Tanjant Demette Infinitesimal Holomorfik Projective Dönüşümler Üzerine**
AKBULUT K., GEZER A., SALIMOV A.
IX. Geometri Sempozyumu, Turkey, 7 - 10 June 2011
- XVII. **On Infinitesimal Holomorphically Projective Transformation on Tangent Bundle**
Akbulut K., Gezer A., Salımov A.
IX. Geometri Sempozyumu, Samsun, Turkey, 7 - 10 June 2011, pp.35-45
- XVIII. **Some Notes on Para-Norden-Walker 4-Manifolds**
Salımov A., İşcan M., Akbulut K.
VIII. Geometri Sempozyumu, Antalya, Turkey, 29 April - 02 May 2010, pp.26-34
- XIX. **Paraholomorphic Cheeger Gromoll Metric in Tangent Bundles**
AKBULUT K., SALIMOV A.
VII. Geometri Sempozyumu, Kırşehir, Turkey, 7 - 10 June 2009
- XX. **On A Sufficient Condition of Almost Product Riemannian Structures**
SALIMOV A., AKBULUT K., ASLANCI S.
VI. Geometri Sempozyumu, Bursa, Turkey, 1 - 04 July 2008
- XXI. **Almost Product Riemannian Yapıların İntegrallenebilirliği Hakkında**
AKBULUT K., CENGİZ N.

XX. ULUSAL MATEMATİK SEMPOZYUMU, Turkey, 3 - 06 September 2007

XXII. Geodesics and Killing Vector fields in Tangent Bundle

Akbulut K, Gezer A.

II. Ankara Matematik Günleri Sempozyumu, Ankara, Turkey, 1 - 05 July 2007

XXIII. Infinitesimal Affine Transformations in a Tangent Bundle of a Riemannian Manifold with Horizontal Lift of an Affine Connection

Akbulut K, Gezer A.

IV. International Geometry Symposium, Ankara, Turkey, 17 - 21 July 2006

XXIV. Infinitesimal Affine Transformations in the Tangent Bundle of a Riemannian Manifold with respect to The Synctic Lift of an Affine Connection

Akbulut K, Salmov A.

III. Geometri Sempozyumu, Eskişehir, Turkey, 7 - 10 July 2005

Supported Projects

Akbulut K, Yıldırım F., TÜBİTAK Project, YARI TANJANT DEMETTE TENSÖR YAPILAR VE LİFT UYGULAMALARI, 2022 - 2025

YILDIRIM F., KARAMAN Ç., SARAÇ Y., BAKIRTAŞ Ş., AKTAY M., ŞENER KILIÇ S. Ş., GÖKKAYA E. S., TAŞ S., YURTTANÇIKMAZ S., CENGİZ N., et al., Project Supported by Higher Education Institutions, Teorik ve Uygulamalı Matematik Bilimleri Sempozyumu, 2021 - 2022

Salimov A., TÜBİTAK Project, Norden Manifoldları, 2009 - 2011

Salimov A., Akbulut K., TÜBİTAK Project, Tensör Alanlarının Tensör Demetlerdeki Liftleri, 2008 - 2009

Scientific Refereeing

Turkish Journal of Mathematics and Computer Science , National Scientific Refreed Journal, December 2023

Scientific Consultations

TÜBİTAK , Project Consultancy, Ataturk University, Fen Fakültesi, Matematik, Turkey, 2023 - Continues

Tasks In Event Organizations

Kaplan A., Aydın M., Subaşı M., Akbulut K., 2nd International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences, Scientific Congress, Ankara, Turkey, Kasım 2023

Akbulut K., TAŞ S., 5th International Conference on Mathematics and Related Sciences (ICMRS 2022), Scientific Congress, Antalya, Turkey, Ekim 2022

Akbulut K., 1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences/23-25 May 2022, Scientific Congress, Erzurum, Turkey, Mayıs 2022

Akbulut K., 4. International Conference on Life and Engineering Sciences (ICOLES 2021), Scientific Congress, İstanbul, Turkey, Eylül 2021

Akbulut K., 5th International Conference on Advances in Natural and Applied Sciences 21-23 September 2021, Ağrı/Turkey, Scientific Congress, Ağrı, Turkey, Eylül 2021

Akbulut K., 18. International Geometry Symposium, Scientific Congress, Malatya, Turkey, Temmuz 2021

Akbulut K., 5th International Conference on Computational Mathematics and Engineering Sciences / 08-10 June. 2021, Van - Turkey, Scientific Congress, Turkey, Haziran 2021

Akbulut K., 3rd INTERNATIONAL CONFERENCE ON LIFE AND ENGINEERING SCIENCES, İSTANBUL, TURKEY, Scientific Congress, İstanbul, Turkey, Aralık 2020

Akbulut K., 4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL & APPLIED SCIENCES 17-19 JUNE 2020,
Scientific Congress, Turkey, Haziran 2020

Akbulut K., 17. International Geometry Symposium, Scientific Congress, Erzincan, Turkey, Haziran 2019

Akbulut K., 4th International Conference on Computational Mathematics and Engineering Sciences , Scientific Congress,
Antalya, Turkey, Nisan 2019

Metrics

Publication: 43

Citation (WoS): 79

Citation (Scopus): 88

H-Index (WoS): 6

H-Index (Scopus): 6

Non Academic Experience

MEB / ERZURUM NEVZAT KARABAĞ ANADOLU ÖĞRETMEN LİSESİ