

Assoc. Prof. MEHMET SOLGUN

Personal Information

Office Phone: [+90 228 214 1188](tel:+902282141188)

Email: mehmet.solgun@bilecik.edu.tr

Web: <https://avesis.bilecik.edu.tr/mehmet.solgun>

International Researcher IDs

ScholarID: 3_ZQL-YAAAAJ

ORCID: 0000-0002-2275-7763

Publons / Web Of Science ResearcherID: KVC-2174-2024

ScopusID: 57191171628

Yoksis Researcher ID: 47261

Education Information

Doctorate, Bilecik Seyh Edebali University, Fen Bilimleri Enstitüsü, Matematik (Dr) (Anadolu Üniv. Ortak), Turkey 2013 - 2016

Postgraduate, University Of Durham {England}, England 2012 - 2013

Undergraduate, Gazi University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2010

Dissertations

Doctorate, Hemen hemen kontak metrik manifoldların sınıflandırılması üzerine, Bilecik Seyh Edebali University, FEN BİLİMLERİ ENSTİTÜSÜ, Matematik (Dr) (Anadolu Üniv. Ortak), 2016

Postgraduate, The morse inequalities, University Of Durham {England}, 2013

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2020 - 2023

Bilecik Seyh Edebali University, 2019 - 2022

Bilecik Seyh Edebali University, 2017 - 2020

Courses

Topoloji 1, Undergraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2016 - 2017

Topolojik Vektör Uzayları, Postgraduate, 2022 - 2023, 2018 - 2019

Matematik, Undergraduate, 2022 - 2023, 2021 - 2022

Öklid Geometrisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Genel Topoloji 1, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Manifold Teorisi 1, Doctorate, 2022 - 2023

Riemann Geometri 2, Doctorate, 2021 - 2022

Diferensiyellenebilir Manifoldlar 1, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Genel Topoloji 2, Postgraduate, 2021 - 2022, 2020 - 2021

Mühendislik Matematiği, Undergraduate, 2021 - 2022, 2020 - 2021

Riemann Geometri 1, Doctorate, 2021 - 2022
Matematik 1, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Metrik Uzaylar, Undergraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017
Diferensiyellenebilir Manifolddar 2, Postgraduate, 2021 - 2022, 2020 - 2021
Reel Analiz, Undergraduate, 2020 - 2021
Fonksiyonel Analiz, Undergraduate, 2020 - 2021
Topoloji 2, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Matematik 2, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Diferensiyel Formların Geometrisi, Postgraduate, 2019 - 2020, 2018 - 2019
Analiz 2, Undergraduate, 2019 - 2020, 2018 - 2019
Lie Grupları, Undergraduate, 2018 - 2019
Analiz 1, Undergraduate, 2018 - 2019
Genel Matematik, Undergraduate, 2017 - 2018, 2014 - 2015
Matematik Tarihi, Undergraduate, 2017 - 2018
Tensör Geometri, Postgraduate, 2017 - 2018
Matematik Felsefesi, Undergraduate, 2017 - 2018
MATEMATİK II, Undergraduate, 2013 - 2014
Diferensiyel Denklemler, Undergraduate, 2013 - 2014
MATEMATİK I, Undergraduate, 2013 - 2014

Advising Theses

SOLGUN M., Hemen hemen kompleks B-metrik yapıları inşa etmenin doğal bir yolu, Postgraduate, Y.KARABABA(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On constructing almost complex Norden metric structures**
SOLGUN M.
AIMS Mathematics, vol.7, no.10, pp.17942-17953, 2022 (SCI-Expanded)
- II. **A natural way to construct an almost complex B-metric structure**
SOLGUN M., Karababa Y.
Mathematical Methods in the Applied Sciences, vol.44, no.9, pp.7607-7613, 2021 (SCI-Expanded)
- III. **On generalized D-conformal deformations of certain almost contact metric manifolds**
Özdemir N., Aktay Ş., SOLGUN M.
Mathematics, vol.7, no.2, 2019 (SCI-Expanded)
- IV. **Almost paracontact structures obtained from $G^*(2)$ structures**
Özdemir N., Aktay Ş., SOLGUN M.
Turkish Journal of Mathematics, vol.42, no.6, pp.3025-3033, 2018 (SCI-Expanded)
- V. **Almost contact metric structures induced by G_2 structures**
Özdemir N., SOLGUN M., Aktay Ş.
Turkish Journal of Mathematics, vol.41, no.4, pp.1072-1086, 2017 (SCI-Expanded)
- VI. **Almost contact metric structures on 5-dimensional nilpotent Lie algebras**
Özdemir N., SOLGUN M., Aktay S.
Symmetry, vol.8, no.8, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Almost Hermitian Structures From Almost Contact Metric Manifolds and Their Curvature Properties**
ÖZDEMİR N., AKTAY Ş., SOLGUN M.
Konuralp Journal of Mathematics, vol.12, no.1, pp.5-12, 2024 (Peer-Reviewed Journal)
- II. **Almost Kaehlerian and Hermitian Structures on Four Dimensional Indecomposable Lie Algebras**
SOLGUN M.
Universal Journal of Mathematics and Applications, vol.5, no.3, pp.117-121, 2022 (Peer-Reviewed Journal)
- III. **Some Results on \mathcal{D} -Homothetic Deformation On Almost Paracontact Metric Manifolds**
SOLGUN M.
Fundamental journal of mathematics and applications (Online), vol.4, no.4, pp.264-270, 2021 (Peer-Reviewed Journal)
- IV. **Almost Para-Contact Metric Structures on 5-dimensional Nilpotent Lie Algebras**
ÖZDEMİR N., SOLGUN M., AKTAY Ş.
Fundamental journal of mathematics and applications (Online), vol.3, no.2, pp.175-184, 2020 (Peer-Reviewed Journal)
- V. **QUASI-SASAKIAN STRUCTURES ON 5-DIMENSIONAL NILPOTENT LIE ALGEBRAS**
ÖZDEMİR N., AKTAY Ş., SOLGUN M.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.68, no.1, pp.326-333, 2019 (Peer-Reviewed Journal)
- VI. **Perfect Morse Function on $SO(n)$**
SOLGUN M.
European Journal of Pure and Applied Mathematics, vol.9, no.3, pp.314-321, 2016 (Peer-Reviewed Journal)
- VII. **Almost Hermitian structures on the products of two almost contact metric manifolds**
ÖZDEMİR N., AKTAY Ş., SOLGUN M.
Differential Geometry-Dynamical Systems, vol.18, pp.102-109, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A NOTE ON D-HOMOTHETIC DEFORMATION ON ALMOST PARACONTACT METRIC MANIFOLDS**
SOLGUN M.
9th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Üsküp, Macedonia, 25 August 2020, pp.132
- II. **G^*_2 Structures and Almost Paracontact Structures**
AKTAY Ş., ÖZDEMİR N., SOLGUN M.
14th International Conference on Geometry and Applications, Varna, Bulgaria, 26 - 31 August 2019
- III. **A Natural Way to Construct an Almost Hermitian B-Metric Structure**
SOLGUN M., Karababa Y.
8th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Baku, Azerbaijan, 27 - 30 August 2019
- IV. **A Note on Quasi-Sasakian Structures on Nilpotent Lie Algebras**
SOLGUN M.
7th International Eurasian Conference on Mathematical Sciences and Applications, Kiev, Ukraine, 28 - 31 August 2018
- V. **Some Notes on Almost Contact Metric Structures Obtained from G_2 Structures**
SOLGUN M., ÖZDEMİR N., AKTAY Ş.
13th International Conference on Geometry and Applications, Varna, Bulgaria, 1 - 05 September 2017
- VI. **Some Notes on Almost Contact Metric Structures on 5-Dimensional Nilpotent Lie Algebras**
ÖZDEMİR N., SOLGUN M., AKTAY Ş.
15. Uluslararası Geometri Sempozyumu, Amasya, Turkey, 3 - 06 July 2017