

Asst. Prof. İSMAIL DEMİR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAB-2899-2021

ScopusID: 56966329100

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Education Information

Doctorate, North Carolina State University, College of Sciences, Mathematics, United States Of America 2013 - 2016

Postgraduate, North Carolina State University, College of Sciences, Mathematics, United States Of America 2011 - 2012

Undergraduate, Ege University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2009

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Classification of 5–Dimensional Complex Nilpotent Leibniz Algebras, North Carolina State University, 2016

Research Areas

Nonassociative Rings and Algebras

Academic Titles / Tasks

Assistant Professor, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Matematik Bölümü, 2022 - Continues

Lecturer, Usak University, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, Matematik Bölümü, 2020 - 2022

Courses

Cebirde Seçme Konuları I, Doctorate, 2021 - 2022

Lie Grupları ve Lie Cebirleri II, Postgraduate, 2021 - 2022

Mesleki İngilizce II, Undergraduate, 2021 - 2022

Mesleki İngilizce I, Undergraduate, 2021 - 2022

Lie Grupları ve Lie Cebirleri I, Postgraduate, 2021 - 2022
Sembolik Mantık, Undergraduate, 2021 - 2022
Matematik I, Undergraduate, 2021 - 2022
Soyut Matematik I, Undergraduate, 2021 - 2022
Kodlama ve Şifreleme, Undergraduate, 2021 - 2022
Soyut Matematik II, Undergraduate, 2021 - 2022
Cisim Teori II, Undergraduate, 2020 - 2021
Modern Mantık, Undergraduate, 2020 - 2021
Matematik II, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On classification of 7-dimensional odd-nilpotent Leibniz algebras**
Demir İ.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.53, no.1, pp.121-129, 2024 (SCI-Expanded)
- II. **Classification of some subclasses of 6-dimensional nilpotent Leibniz algebras**
DEMİR İ.
Turkish Journal of Mathematics, vol.44, no.5, pp.1925-1940, 2020 (SCI-Expanded)
- III. **On classification of four-dimensional nilpotent Leibniz algebras**
DEMİR İ., Misra K. C., Stitzinger E.
Communications in Algebra, vol.45, no.3, pp.1012-1018, 2017 (SCI-Expanded)
- IV. **Classification of Some Solvable Leibniz Algebras**
DEMİR İ., Misra K. C., Stitzinger E.
Algebras and Representation Theory, vol.19, no.2, pp.405-417, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **On 7-Dimensional Nilpotent Leibniz Algebras With 1-Dimensional Leib Ideal**
DEMİR İ.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.19, no.4, pp.343-349, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On nilpotent Leibniz algebras with one dimensional Leib ideal**
DEMİR İ.
2nd International EConference on Mathematical and Statistical Science: A Selcuk Meeting, Konya, Turkey, 5 - 07 June 2023
- II. **Classification of Odd-Nilpotent Leibniz Algebras**
DEMİR İ.
TURKISH JOURNAL OF MATHEMATICS - STUDIES ON SCIENTIFIC DEVELOPMENTS IN GEOMETRY, ALGEBRA, AND APPLIED MATHEMATICS, Turkey, 01 February 2022
- III. **On classification of some subclasses of 6-dimensional complex nilpotent Leibniz algebras**
DEMİR İ.
IECMSA-2021, Turkey, 25 August 2021
- IV. **Classification of 5-dimensional complex nilpotent Leibniz algebras**
Demir İ.
Representations of Lie Algebras, Quantum Groups and Related Topics, Contemporary Mathematics, Raleigh/North Carolina, United States Of America, 12 - 13 November 2016, vol.713, pp.95-119

- V. **Classification of Complex Nilpotent Leibniz Algebras**
Demir İ.
Fall AMS Southeastern Sectional Meeting, NCSU, Raleigh, NC, Raleigh/North Carolina, United States Of America, 12 November 2016
- VI. **Classification of 4-Dimensional Nilpotent Leibniz Algebras**
Demir İ.
7th European Congress of Mathematics (7ECM), Berlin, Germany, 18 July 2016
- VII. **On Classification of Solvable Leibniz Algebras**
Demir İ.
AMS Joint Mathematics Meetings, Seattle, WA, Seattle, United States Of America, 06 January 2016
- VIII. **Classification of Some Solvable Leibniz Algebras**
Demir İ.
Antalya Algebra Days XVII, İzmir, TURKEY, İzmir, Turkey, 20 May 2015
- IX. **On Classification of Leibniz Algebras**
Demir İ.
Fall AMS Southeastern Sectional Meeting, UNC-G, Greensboro/North Carolina, United States Of America, 08 November 2014
- X. **On Some Structures of Leibniz Algebras**
Demir İ., Misra K. C., Stitzinger E.
Recent Advances in Representation Theory, Quantum Groups, Algebraic Geometry, and Related Topics, Contemporary Mathematics, Baton Rouge/New Orleans, United States Of America, 13 - 14 October 2012, vol.623, pp.41-54
- XI. **On Leibniz Algebras**
Demir İ.
Antalya Algebra Days XVI, Antalya, TURKEY, Antalya, Turkey, 09 May 2014

Metrics

Publication: 16

Citation (WoS): 42

Citation (Scopus): 45

H-Index (WoS): 3

H-Index (Scopus): 4