

# Prof. MUSTAFA HABİL GÜRSOY

## Personal Information

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## International Researcher IDs

ORCID: 0000-0001-9151-2631

Yoksis Researcher ID: 35112

## Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2002 - 2007

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Matematik, Turkey 1999 - 2002

Undergraduate, Inonu University, Fen Edebiyat Fakültesi, Matematik, Turkey 1995 - 1999

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Lie Örtü Grupoidleri, Inonu University, Fen Bilimleri Enstitüsü, Matematik, 2007

Postgraduate, Topolojik 2-Grupoidler, Inonu University, Fen Bilimleri Enstitüsü, Matematik, 2002

## Research Areas

Mathematics, Algebraic Topology, General Topology, Topological Groups, Lie Groups, Natural Sciences

## Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik, 2020 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Matematik, 2015 - 2020

## Courses

Cebirsel Topolojiye Giriş, Postgraduate, 2016 - 2017

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Inonu University, January, 2022

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

- I. **On soft topological categories**  
OĞUZ G., GÜRSOY M. H., İÇEN İ.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.6, pp.1675-1681, 2019 (SCI-Expanded)
- II. **Coverings of structured Lie groupoids**  
GÜRSOY M. H., İÇEN İ.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.4, pp.845-854, 2018 (SCI-Expanded)
- III. **Lie Rough Groups**  
OĞUZ G., İÇEN İ., GÜRSOY M. H.  
FILOMAT, vol.32, no.16, pp.5735-5741, 2018 (SCI-Expanded)
- IV. **Generalized crossed modules and group-groupoids**  
GÜRSOY M. H., ASLAN H., İÇEN İ.  
TURKISH JOURNAL OF MATHEMATICS, vol.41, no.6, pp.1535-1551, 2017 (SCI-Expanded)
- V. **Coverings and Actions of Structured Lie Groupoids**  
GÜRSOY M. H., İÇEN İ., ÖZCAN A. F.  
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI-SERIE NOUA-MATEMATICA, vol.2, pp.661-679, 2016 (SCI-Expanded)
- VI. **Actions of Vector Groupoids**  
GÜRSOY M. H.  
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, vol.40, pp.565-583, 2014 (SCI-Expanded)
- VII. **Lie groupoids and generalized almost paracomplex manifolds**  
Sahin F., GÜRSOY M. H., İÇEN İ.  
TURKISH JOURNAL OF MATHEMATICS, vol.37, no.3, pp.500-510, 2013 (SCI-Expanded)
- VIII. **Coverings of Lie groupoids**  
İÇEN İ., GÜRSOY M. H., ÖZCAN A. F.  
TURKISH JOURNAL OF MATHEMATICS, vol.35, no.2, pp.207-218, 2011 (SCI-Expanded)
- IX. **Topological ring-groupoids and liftings**  
Ozcan A. F., Icen I., Gursoy M. H.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.30, pp.355-362, 2006 (SCI-Expanded)
- X. **Topological group-groupoids and their coverings**  
İÇEN İ., ÖZCAN A. F., GÜRSOY M. H.  
INDIAN JOURNAL OF PURE MATHEMATICS, vol.36, no.9, pp.493-502, 2005 (SCI-Expanded)
- XI. **Untitled**  
Demircan M., GURSOY M. H.  
JOURNAL OF PEDIATRIC SURGERY, vol.31, no.10, pp.1465, 1996 (SCI-Expanded)

## Articles Published in Other Journals

- I. **On the topological generalized crossed modules**  
Gürsoy M. H.  
ANNALS OF THE UNIVERSITY OF CRAIOVA-MATHEMATICS AND COMPUTER SCIENCE SERIES, vol.48, no.2, pp.183-193, 2021 (ESCI)
- II. **Generalized Topological Groupoids**  
GÜRSOY M. H.  
PUNJAB UNIVERSITY JOURNAL OF MATHEMATICS, vol.53, no.2, pp.35-49, 2021 (ESCI)
- III. **A New Concept in the Soft Theory: Soft Groupoids**  
Oguz G., Icen I., Gursoy M. H.  
SOUTHEAST ASIAN BULLETIN OF MATHEMATICS, vol.44, no.4, pp.555-565, 2020 (ESCI)

- IV. **ACTIONS OF SOFT GROUPS**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
 vol.68, no.1, pp.1163-1174, 2019 (ESCI)
- V. **Bundles of Topological Generalized Groups**  
 GÜRSOY M. H.  
 Annals of Oradea University-Mathematics Fascicola, vol.25, no.2, pp.115-119, 2018 (Peer-Reviewed Journal)
- VI. **Generalized ring-groupoids**  
 Gürsoy M. H.  
 ANNALS OF THE UNIVERSITY OF CRAIOVA-MATHEMATICS AND COMPUTER SCIENCE SERIES, vol.44, no.1, pp.126-136, 2017 (ESCI)
- VII. **On s-Sheaves**  
 Oguz G., Icen I., Gursoy M. H.  
 INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, vol.56, no.3, pp.74-82, 2017 (ESCI)
- VIII. **The homomorphisms of topological groupoids**  
 GÜRSOY M. H., İÇEN İ.  
 Novi Sad Journal of Mathematics, vol.44, no.1, pp.129-141, 2014 (Scopus)
- IX. **The equivalence of topological 2-groupoids and topological crossed modules**  
 GÜRSOY M. H., İÇEN İ., ÖZCAN A. F.  
 Algebras, Groups and Geometries, vol.22, pp.447-456, 2005 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **On the Construction of a Novel Categorical Structure**  
 İÇEN İ., OĞUZ G., GÜRSOY M. H.  
 International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- II. **A Soft Approach to Ring-Groupoids**  
 OĞUZ G., GÜRSOY M. H., İÇEN İ.  
 International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- III. **Notes on the Structure of Soft Crossed Module**  
 GÜRSOY M. H., OĞUZ G., İÇEN İ.  
 International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- IV. **The Equivalence of Soft Group-Groupoids and Soft Crossed Modules**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- V. **Actions of Soft Groups**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 3 - 07 July 2017
- VI. **Semi-Topological Rough Groups**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 3 - 07 July 2017
- VII. **On Soft Topological Categories**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017
- VIII. **LIE ROUGH GROUPS**  
 OĞUZ G., İÇEN İ., GÜRSOY M. H.  
 International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017
- IX. **Gruplardan Grupoidlere**  
 İÇEN İ., ÖZCAN A. F., GÜRSOY M. H.  
 II. Türk Dünyası Matematik Sempozyumu, Turkey, 4 - 07 July 2007

- X. **Topolojik Halka Grupoidlerin Örtüleri**  
ÖZCAN A. F., İÇEN İ., GÜRSOY M. H.  
II. Türk Dünyası Matematik Sempozyumu, Turkey, 4 - 07 July 2007
- XI. **Lie Grup Grupoidlerin Örtüleri ve Etkileri**  
GÜRSOY M. H., İÇEN İ., ÖZCAN A. F.  
II. Türk Dünyası Matematik Sempozyumu, Turkey, 4 - 07 July 2007
- XII. **Lie Örtü Grupoidleri**  
GÜRSOY M. H., İÇEN İ., ÖZCAN A. F.  
XIX. Ulusal Matematik Sempozyumu, Turkey, 22 - 25 August 2006
- XIII. **Topolojik Grupoidlerin Özel Morfizmleri**  
İÇEN İ., GÜRSOY M. H., ÖZCAN A. F.  
XVII. Ulusal Matematik Sempozyumu, Turkey, 23 - 26 August 2004
- XIV. **Topolojik Halka Grupoidlerin Yükseltmeleri**  
ÖZCAN A. F., İÇEN İ., GÜRSOY M. H.  
XVII. Ulusal Matematik Sempozyumu, Turkey, 23 - 26 August 2004
- XV. **Topolojik G Grupoidlerin Yükseltmeleri**  
ÖZCAN A. F., İÇEN İ., GÜRSOY M. H.  
XVI. Ulusal Matematik Sempozyumu, Turkey, 10 - 12 September 2003
- XVI. **G Uzaylar ve Lie Grupoidler**  
GÜRSOY M. H., İÇEN İ., ÖZCAN A. F.  
I. Geometri Sempozyumu, Turkey, 3 - 04 July 2003

## Supported Projects

GÜRSOY M. H., KILINÇ L., Project Supported by Higher Education Institutions, Esnek Genelleştirilmiş Gruplar, 2019 - 2020

## Activities in Scientific Journals

Fundamentals of Contemporary Mathematical Sciences, Committee Member, 2019 - Continues

## Scientific Refereeing

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, December 2018

The journal An Univ. Oradea, fasc. Mat, Other Indexed Journal, May 2017

Gazi University Journal Of Science, Other Indexed Journal, July 2016

Gazi University Journal Of Science, Other Indexed Journal, March 2016

## Metrics

Publication: 36

Citation (WoS): 10

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 3