



Assoc. Prof. Şükran Gül Erdem

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-9057-2020

ScopusID: 57192165557

Yoksis Researcher ID: 191069

Biography

Şükran Gül received her bachelor and PhD degrees from the Middle East Technical University (METU) in 2012 and 2016, respectively.

During her PhD studies, Dr. Gül worked as a teaching assistant at METU and also spent one year at the University of the Basque Country (UPV/EHU) in Spain as a visiting researcher. After getting her PhD degree, Dr. Gül was a postdoctoral fellow at UPV/EHU for a period of two and a half years.

At TED University, Dr. Gül worked as an Assistant Professor between March 2020-August 2023, and she has been working as an Associate Professor since September 2023.

Education Information

2012 - 2016	Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey
2009 - 2013	Undergraduate Minor, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering, Turkey
2007 - 2012	Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey

Research Areas

Group Theory and Generalizations

Academic Titles / Tasks

2020 - Continues	Assistant Professor, TED University, Faculty Of Arts And Sciences, Mathematics
2019 - 2020	Visiting Lecturer, TED University, Faculty Of Arts And Sciences, Mathematics
2012 - 2016	Research Assistant, Middle East Technical University, Fen-Edebiyat Fakültesi, Matematik Bölümü

Academic and Administrative Experience

2021 - Continues	Coordinator of Double Major and Minor Programs in Mathematics, TED University, Faculty Of Arts And Sciences, Mathematics
2021 - Continues	Member of TEDU without Barriers Committee, TED University, Faculty Of Arts And Sciences, Mathematics

Courses

2021 - 2022, 2020 - 2021	Discrete Mathematics, Undergraduate
2021 - 2022	Linear Algebra I, Undergraduate
2021 - 2022	Linear Algebra I, Undergraduate
2021 - 2022	Linear Algebra, Undergraduate
2021 - 2022	Discrete Mathematics, Undergraduate
2021 - 2022, 2020 - 2021	Fundamentals of Mathematics, Undergraduate
2021 - 2022, 2020 - 2021	Calculus of One Variable, Undergraduate
2020 - 2021	Linear Algebra II, Undergraduate
2020 - 2021	Mathematics for Education Majors, Undergraduate
2019 - 2020	Multivariable Calculus, Undergraduate
2019 - 2020	Basic Calculus, Undergraduate
2019 - 2020	Mathematics for Education Majors, Undergraduate

Jury Memberships

September 2021	Post Graduate, Post Graduate, İhsan Doğramacı Bilkent Üniversitesi
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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Beauville p -groups of wild type and groups of maximal class**
Fernández-Alcober G. A., Gavioli N., Gül Erdem Ş., Scoppola C. M.
Monatshefte für Mathematik, 2024 (SCI-Expanded)
- II. **Purely (non-)strongly real Beauville p -groups**
Gül Erdem Ş.
ARCHIV DER MATHEMATIK, vol.115, no.1, pp.1-11, 2020 (SCI-Expanded)
- III. **On the asymptotic behaviour of the number of Beauville and non-Beauville p -groups**
Fernandez-Alcober G. A., Gül Erdem Ş., Vannacci M.
PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY, vol.120, no.2, pp.220-241, 2020 (SCI-Expanded)
- IV. **Grigorchuk-Gupta-Sidki groups as a source for Beauville surfaces**
Gül Erdem Ş., Uria-Albizuri J.
GROUPS GEOMETRY AND DYNAMICS, vol.14, no.2, pp.689-704, 2020 (SCI-Expanded)
- V. **On ramification structures for finite nilpotent groups**
Gül Erdem Ş.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.6, pp.1642-1652, 2019 (SCI-Expanded)
- VI. **An infinite family of strongly real Beauville p -groups**
Gül Erdem Ş.
MONATSHEFTE FÜR MATHEMATIK, vol.185, no.4, pp.663-675, 2018 (SCI-Expanded)

- VII. **Metabelian thin Beauville p-groups**
Comma N. G., Gül Erdem Ş.
JOURNAL OF GROUP THEORY, vol.21, no.2, pp.351-363, 2018 (SCI-Expanded)
- VIII. **Beauville structures in p-central quotients**
Gül Erdem Ş.
JOURNAL OF GROUP THEORY, vol.20, no.2, pp.257-267, 2017 (SCI-Expanded)
- IX. **Beauville structures in finite p-groups**
Fernandez-Alcober G. A., Gül Erdem Ş.
JOURNAL OF ALGEBRA, vol.474, pp.1-23, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Beauville Structures for Quotients of Generalised GGS-groups**
Di Domenico E., Gül Erdem Ş., Thillaisundaram A.
Advances in Group Theory and Applications, vol.18, pp.3-40, 2024 (ESCI)
- II. **RAMIFICATION STRUCTURES FOR QUOTIENTS OF MULTI-EGS GROUPS**
Di Domenico E., Gul Ş., Thillaisundaram A.
INTERNATIONAL JOURNAL OF GROUP THEORY, vol.12, no.4, pp.237-252, 2023 (ESCI)

Supported Projects

2018 - 2021	"Grupos y geometria"
2016 - 2021	"Groups, Topology, and Applications"
2018 - 2020	"Red Espanola de Teoria de Grupos"
2015 - 2018	"Grupos, representaciones y geometria"
2015 - 2017	"Red Espanola de Teoria de Grupos"
2015 - 2015	"Grupos, representaciones y combinatoria algebraica (GRECA)"

Scientific Refereeing

May 2020	TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCIE
March 2020	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in SCIE