

## Assoc. Prof. KEVSER AKTAŞ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHE-2640-2022

ScopusID: 36134370200

Yoksis Researcher ID: 132819

### Education Information

Postgraduate, University of Bristol, School of Education, Neuroscience and Education, United Kingdom 2019 - 2020

Doctorate, Selcuk University, Institute Of Science, Matematik (Dr), Turkey 2008 - 2013

Postgraduate, Selcuk University, Institute Of Science, İlköğretim Matematik Öğretmenliği (YI) (Tezli), Turkey 2006 - 2008

Undergraduate Minor, Selcuk University, Faculty Of Education, İlköğretim Matematik Öğretmenliği Pr., Turkey 2002 - 2006

Undergraduate, Selcuk University, Faculty Of Education, İlköğretim Matematik Öğretmenliği Pr., Turkey 2002 - 2006

### Foreign Languages

German, B2 Upper Intermediate

English, C2 Mastery

### Dissertations

Postgraduate, Mathematics Teachers' Perceptions in Turkey on Neuroscientific Studies, Applications in Mathematics Education and Neuromyths related to Learning Mathematics, University of Bristol, School of Education, Neuroscience and Education, 2020

Doctorate,  $y^2=x^n+a$  şeklindeki denklemlerin aritmetik özelliklerinin incelenmesi, Selcuk University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2013

Postgraduate, Gauss tamsayıları halkasında kongrüans denklemlerinin çözümleri ve 4. dereceden kalanlar üzerine, Selcuk University, Fen Bilimleri Enstitüsü, İlköğretim Matematik Öğretmenliği (YI) (Tezli), 2008

### Research Areas

Social Sciences and Humanities, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2018 - Continues

Research Assistant, Gazi University, Gazi Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2009 - 2018

## Courses

Pre-service Teachers Observation II (mathematics), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Algebra II, Undergraduate, 2023 - 2024

Fundamentals of Mathematics II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Fundamentals of Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Number Theory, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Algebra I, Undergraduate, 2023 - 2024

Pre-service Teachers Observation I (mathematics), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

New Approaches in Mathematics Education, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Algebra, Undergraduate, 2020 - 2021

Fundamentals of Mathematics I, Undergraduate, 2020 - 2021

Okul Deneyimi, Undergraduate, 2017 - 2018

Erasmus Stajı, Undergraduate, 2017 - 2018

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

### I. On the number of special numbers

AKTAŞ K., Murty M. R.

PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, vol.127, no.3, pp.423-430, 2017 (SCI-Expanded)

### II. Fundamental units and consecutive squarefull numbers

Aktas K., Murty M. R.

INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.13, no.1, pp.243-252, 2017 (SCI-Expanded)

### III. On the arithmetic of the hyperelliptic curve $y^2 = x^n + a$

Aktas K., Senay H.

CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.66, no.1, pp.35-40, 2016 (SCI-Expanded)

## Books & Book Chapters

### I. Lower Bounds for Heights in Relative Galois Extensions

Aktaş K., Akhtari S., Peterson K., Hamieh A., Biggs K., Thompson L.

in: Women in Numbers Europe II. Association for Women in Mathematics Series, Irene I. Bouw, Ekin Ozman, Jennifer Johnson-Leung, Rachel Newton, Editor, Springer-Verlag, Berlin, pp.1-18, 2018

## Refereed Congress / Symposium Publications in Proceedings

### I. Mathematics for All

AKTAŞ K., Aslantaş S.

InSea Regional Conference Art&Design Education in Times of Change, Viyana, Austria, 22 - 24 September 2016

### II. Existence of Diophantine $m$ tuples in Gaussian primes

AKTAŞ K.

14th Meeting of the Canadian Number Theory Association, 20 - 24 June 2016

### III. On the number of special numbers

AKTAŞ K., MURTY M. R.

AMS Joint mathematics meetings Seattle, 2016, Seattle, United States Of America, 6 - 09 January 2016, vol.37, pp.83-

- IV. **On Special Numbers**  
AKTAŞ K., MURTY M. R.  
CMS Winter Meeting Montreal 2015, Montreal, Canada, 4 - 07 December 2015
- V. **Fundamental Units and Squarefull Numbers**  
AKTAŞ K., MURTY M. R.  
Ottawa-Carleton Number Theory Seminar, Ottawa, Canada, 13 November 2015
- VI. **Consecutive Squarefull Numbers**  
AKTAŞ K., MURTY M. R.  
CMS Summer Meeting Charlottetown 2015, Charlottetown, Canada, 5 - 08 June 2015
- VII. **Some Diophantine Equations and their odd graphs**  
AKTAŞ K.  
Queen's University, Department of Mathematics&Statistics, Number Theory Seminar, Kingston, Canada, 03 October 2014
- VIII. **Z I de bazı P k cümlelerinin varlığı ve genişletilemeyen P k cümlelerinin varlığı**  
AKTAŞ K., ŞENAY H.  
XXI. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 1 - 04 September 2008

## Supported Projects

Aktaş K., Çiçek M., Apaydın N., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), The effect of maths anxiety and implementation of training on brain activity during numerical tasks, 2023 - 2025  
Aktaş K., Erasmus Project, Mathematics for All, 2013 - 2014

## Metrics

Publication: 13  
Citation (WoS): 4  
Citation (Scopus): 4  
H-Index (WoS): 2  
H-Index (Scopus): 2

## Scholarships

Chevening Scholarship Programme, Official Institutions of Foreign Countries, 2019 - 2020

## Awards

Aktaş K., Heidelberg Laureate Forum Invitation, Heidelberg Laureate Foundation, September 2016  
Aktaş K., Postdoctoral Fellow, conference travel grant, Queen's University, August 2015

## Non Academic Experience

AVRUPA BİRLİĞİ BAKANLIĞI  
University of Bristol  
Queen's Üniversitesi  
Ozel Esentepe İlköğretim Okulu