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### Education Information

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2006 - 2010

### Dissertations

Postgraduate, Lightlike(null) koni üzerinde eğriler ve karakterizasyonları, Ankara University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2012

### Articles Published in Other Journals

- I. **Conceptions of Zero Among Students with and without Learning Disabilities**  
GÜVEN AKDENİZ D., YAKICI TOPBAŞ E. S., ARGÜN Z.  
INTERNATIONAL JOURNAL OF MATHEMATICS TEACHING AND LEARNING, 2022 (Peer-Reviewed Journal)
- II. **Zero in Arithmetic Operations: A Comparison of Students with Learning Disabilities vs. Non-learning Disabilities**  
GÜVEN AKDENİZ D., YAKICI TOPBAŞ E. S., ARGÜN Z.  
Journal of Pedagogical Research, 2022 (Peer-Reviewed Journal)
- III. **Ortaöğretim matematik öğretmen adaylarının konik kavramı bağlamında konu alan bilgilerinin pedagojik alan bilgileri üzerine yansımaları**  
YAKICI TOPBAŞ E. S., YAZGAN SAĞ G., ARGÜN Z.  
Route Education and Social Science Journal, vol.3, no.3, pp.120-143, 2016 (Peer-Reviewed Journal)
- IV. **Darboux Frame of a Curve Lying on a LightlikeSurface**  
YAKICI TOPBAŞ E. S., GÖK İ., EKMEKÇİ F. N., YAYLI Y.  
MATHEMATICAL SCIENCES AND APPLICATIONS E-NOTES, vol.4, no.2, pp.121-130, 2016 (Peer-Reviewed Journal)

### Books & Book Chapters

- I. **The Elementary Mathematics Teachers' Values UnderlyingTeacher Noticing: The Context of Polygons**  
AKTAŞ F. N., YAKICI TOPBAŞ E. S., DEDE Y.  
in: Values and Valuing in Mathematics Education, Clarkson Philip, Seah Wee Tiong, Pang JeongSuk, Editor, Springer, pp.209-222, 2019

## II. Dönüşüm Geometrisi

YAKICI TOPBAŞ E. S., AKTAŞ F. N., ARGÜN Z.

in: Matematik Öğretiminin Temelleri, Doç. Dr. Güney Hacıömeroğlu, Prof. Dr. Kamuran Tarım, Editor, Anı Yayıncılık, Ankara, pp.215-300, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Matematik Öğretmen Adaylarının Matematiksel İletişime Dair Farkındalıklarının İncelenmesi**  
YAKICI TOPBAŞ E. S., ARGÜN Z.  
X. INTERNATIONAL EURASIAN EDUCATIONAL RESEARCH CONGRESS, 08 June 2023
- II. **Problem Çözme Sürecinde Öğretmen Yeterliklerinin İncelenmesi: Tetikleyici Soru Sorma Becerisi Bağlamı**  
YAKICI TOPBAŞ E. S., AKTAŞ F. N., ARGÜN Z.  
13. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Denizli, Turkey, 4 - 06 October 2018
- III. **Dikkat Etme Becerisinin Video Analizleri Aracılığıyla İncelenmesi: Kıdemli Bir Matematik Öğretmeni Durumu**  
YAKICI TOPBAŞ E. S., AKTAŞ F. N., ARGÜN Z.  
ERPA International Congresses on Education 2018, İstanbul, Turkey, 28 June - 01 July 2018
- IV. **THE VALUES OF MATHEMATICS TEACHERS REGARDING STUDENTS' THINKING: THE PERSPECTIVE OF PAYING ATTENTION**  
YAKICI TOPBAŞ E. S., AKTAŞ F. N., DEDE Y.  
III. Uluslararası Değerler Eğitimi Kongresi, Zonguldak, Turkey, 5 - 06 June 2018
- V. **Matematik Öğretmen Adaylarının Video Analizleri Bağlamında Farkındalıklarının İncelenmesi**  
YAKICI TOPBAŞ E. S., ARGÜN Z.  
Vth International Eurasian Educational Research Congress (ejercongress), 2 - 05 May 2018
- VI. **MATEMATİK ÖĞRETMEN ADAYLARINA GÖRE SAYI OLARAK SIFIR**  
YAKICI TOPBAŞ E. S., GÜVEN N. D., ARGÜN Z.  
III. Ines International Education and Social Science Congress, 28 April - 01 May 2018
- VII. **Examination of Teacher Competencies in Inclusive Math Class: What and how do teachers notice?**  
AKTAŞ F. N., YAKICI TOPBAŞ E. S., ARGÜN Z.  
27th International Conference on Educational Science, Antalya, Turkey, 18 - 22 April 2018
- VIII. **Examination of decision-making skill in the context of critical situations**  
Aktas F. N., YAKICI TOPBAŞ E. S., DEDE Y.  
ERPA International Congress on Education, İstanbul, Turkey, 28 June - 01 July 2018, vol.48
- IX. **Unpacking concept definition: The case of prospective mathematics teachers**  
YAKICI TOPBAŞ E. S., YAZGAN SAĞ G., ARGÜN Z.  
5th International Conference on Curriculum and Instruction (ICCI-EPOK), Muğla, Turkey, 26 - 28 October 2017
- X. **Prospective Secondary Mathematics Teachers' Prompting in the Problem-Solving Process: The Context of Metacognitive Strategies**  
YAKICI TOPBAŞ E. S., AKTAŞ F. N.  
The 19th Conference On Problem Solving In Mathematics Education, Promath 2017, Budapest, Hungary, 30 August - 01 September 2017
- XI. **Cognitive-Metacognitive Process Through Mathematical Problem Solving in A Small Group: Dynamic Geometry Systems or Paper-pencil Environments?**  
AKTAŞ F. N., YAKICI TOPBAŞ E. S.  
The 19th Conference On Problem Solving In Mathematics Education, Promath 2017, Budapest, Hungary, 30 August - 01 September 2017
- XII. **Proof Evaluation: Mathematicians and Prospective Mathematics Teachers' Perspectives**  
YAKICI TOPBAŞ E. S., EMRE AKDOĞAN E., AKTAŞ F. N., YAZGAN SAĞ G., ARGÜN Z.  
6th International Eurasian Conference on Mathematical Sciences and Applications-IECMSA, Budapest, Hungary, 15

- 18 August 2017

- XIII. **The concept of zero: A comparison of students with learning disability vs non-learning disability**  
GÜVEN N. D., YAKICI TOPBAŞ E. S., ARGÜN Z.  
International Eurasian Conference on Mathematical sciences and applications, 15 - 18 August 2017
- XIV. **An Examination of Values: Elementary mathematics Teacher Noticing Perspective**  
AKTAŞ F. N., YAKICI TOPBAŞ E. S., DEDE Y.  
The 3rd Interdisciplinary Scientific Conference Mathematical Transition, Cracow, Poland, 18 - 23 June 2017
- XV. **Mathematics Teachers' Noticing of Students' Thinking: The Context of Value**  
YAKICI TOPBAŞ E. S., AKTAŞ F. N., DEDE Y.  
The 3rd Interdisciplinary Scientific Conference Mathematical Transgressions, Krakow, Poland, 18 - 23 June 2017
- XVI. **What makes a proof, convincing proof?**  
AKTAŞ F. N., YAZGAN SAĞ G., YAKICI TOPBAŞ E. S., EMRE AKDOĞAN E., ARGÜN Z.  
International Conference on Education in Mathematics, Science Technology (ICEMST), KUŞADASI, Turkey, 18 - 21 May 2017
- XVII. **Reflections of Prospective Secondary Mathematics Teachers Subject Matter Knowledge on Pedagogical Content Knowledge The context of Conics**  
YAKICI TOPBAŞ E. S., YAZGAN SAĞ G., ARGÜN Z.  
XVIII Congress AMSE-AMCE-WAER, Eskişehir, Turkey, 30 May - 02 June 2016
- XVIII. **Is This Mathematical Proof Convincing or Not**  
AKTAŞ F. N., YAZGAN SAĞ G., YAKICI TOPBAŞ E. S., EMRE AKDOĞAN E., ARGÜN Z.  
XVIII Congress AMSE-AMCE-WAER, Eskişehir, Turkey, 30 May - 02 June 2016

## Metrics

Publication: 25