

# AHMET TOPAL

## RES. ASST.

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### Learning Knowledge

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Post Graduate  
2019 - Continues

Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering,  
Department Of Mathematics Engineering, Turkey

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Under Graduate  
2016 - Continues

Yildiz Technical University, Faculty Of Electrical & Electronics, Computer  
Engineering, Turkey

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Under Graduate  
2014 - 2019

Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering,  
Department Of Mathematics Engineering, Turkey

### Academic Titles / Tasks

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Research Assistant  
2019 - Continues

Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği

### Supported Projects

1. Uçan Y., Topal A., Güler Bayazıt N., Project Supported by Higher Education Institutions, Rough sets and its applications, 2020 - 2022

### Awards

1. Topal A., Kimya-Metalurji Fakültesi Birinciliği, Yıldız Teknik Üniversitesi, June 2019
2. Topal A., Yıldız Teknik Üniversitesi Üçüncülüğü, Yıldız Teknik Üniversitesi, June 2019
3. Topal A., Matematik Mühendisliği Bölüm Birinciliği, Yıldız Teknik Üniversitesi, June 2019

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. **A new method for obtaining the inconsistent elements in a decision table based on dominance principle**  
Uçan Y., Topal A., Güler Bayazıt N.  
Turkish Journal of Mathematics, vol.44, pp.561-568, 2020 (Journal Indexed in SCI Expanded)

### Refereed Congress / Symposium Publications in Proceedings

1. **A Comparative Study for Fuzzy Rough Approximation Algorithms on Datasets with Different Characteristics**

Topal A., Uçan Y.

3.International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, İstanbul, Turkey, 3 - 05 July 2019, vol.1, pp.21

### **Edit Congress and Symposium Activities**

29. IEEE Conference on Signal Processing and Communications Applications, Attendee, İstanbul, Turkey, 2021

3.International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, Session Moderator, İstanbul, Turkey, 2019

International Conference on Mathematics: An Istanbul Meetings for World Mathematicians, Attendee, İstanbul, Turkey, 2019

### **Research Areas**

Neural Networks, Mathematics, Computer Science, Natural Sciences, Engineering and Technology