

## Prof. RIZA ERTÜRK

### Personal Information

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Address: Hacettepe Üniversitesi Fen Fakültesi Matematik Bölümü, Beytepe/ANKARA

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Topoloji, Turkey 1987 - 1992

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Analiz Ve Fonk. Teorisi, Turkey 1984 - 1987

Undergraduate, Hacettepe University, Matematik Bölümü, Turkey 1979 - 1984

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Belirtisiz ve iki topolojili uzaylar, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1992

Postgraduate, Temel gruplar, Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1987

### Research Areas

Mathematics, General Topology, Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2011 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2011 - Continues

### Advising Theses

ERTÜRK R., Dereceli ditopolojik doku uzayları, Doctorate, R.EKMEKÇİ(Student), 2016

ERTÜRK R., Asimetrik topolojik uzaylar, Postgraduate, E.KARATAŞ(Student), 2013

ERTÜRK R., Yakınımsı uzayların doku uzaylarına genellemesi, Doctorate, G.YILDIZ(Student), 2011

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

- I. **On a new generalization of ditopological texture spaces**  
Korkma E., ERTÜRK R.  
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.35, no.5, pp.5529-5539, 2018 (SCI-Expanded)
- II. **Di-Extremities and Totally Bounded Di-Uniformities**  
ERTÜRK R., Yildiz G.  
FILOMAT, vol.32, no.4, pp.1413-1427, 2018 (SCI-Expanded)
- III. **Neighborhood Structures of Graded Ditopological Texture Spaces**  
Ekmekci R., ERTÜRK R.  
FILOMAT, vol.29, no.7, pp.1445-1459, 2015 (SCI-Expanded)
- IV. **beta-OPEN AND beta-CLOSED SETS IN DITOPOLOGICAL TEXTURE SPACES**  
DOST Ş., Brown L. M., ERTÜRK R.  
FILOMAT, vol.24, no.2, pp.11-26, 2010 (SCI-Expanded)
- V. **Sequentially dinormal ditopological texture spaces and dimetrizability**  
Brown L. M., ERTÜRK R., IRKAD A.  
TOPOLOGY AND ITS APPLICATIONS, vol.155, pp.2177-2187, 2008 (SCI-Expanded)
- VI. **Ditopological texture spaces and fuzzy topology - III: Separation axioms**  
BROWN L., Erturk R., Dost S.  
FUZZY SETS AND SYSTEMS, vol.157, no.14, pp.1886-1912, 2006 (SCI-Expanded)
- VII. **Ditopological texture spaces and fuzzy topology, II. Topological considerations**  
BROWN L., Erturk R., Dost E.  
FUZZY SETS AND SYSTEMS, vol.147, no.2, pp.201-231, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **COMPACTNESS AND STABILITY IN DIFRAMES**  
KORKMAZ E., ERTÜRK R.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.97-111, 2020 (ESCI)
- II. **Separation Axioms in Diframes**  
KORKMAZ E., ERTÜRK R.  
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.11, no.3, pp.612-627, 2018 (ESCI)
- III. **Convergence in graded ditopological texture spaces**  
Ekmekci R., ERTÜRK R.  
APPLIED GENERAL TOPOLOGY, vol.17, no.1, pp.17-35, 2016 (ESCI)
- IV. **Generalization some fuzzy separation axioms to ditopological Texture Spaces**  
ERTÜRK R., ÖZÇAĞ S., DOST Ş.  
The Journal of Nonlinear Sciences and Applications, vol.2, pp.234-242, 2009 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **On generalized separation axioms in texture spaces**  
BROWN L., ERTÜRK R., ÖZÇAĞ S., DOST Ş.  
Mathematical Conference: 85 Years of Professor Blagoj Popov Life, Ss. Cyril and Methodius University, Macedonia (Ohrid), 1 - 04 September 2008

## Supported Projects

EKMEKÇİ F. G., BÜYÜKYAZICI M., ÖZSOY E. D., ALTUNTAŞ ÖZTAŞ N., ERTÜRK R., ÇETİN M., Project Supported by Higher Education Institutions, Fen Fakültesi Bölümleri Lisans Programı FEDEK Akreditasyonu, 2019 - 2020  
ERTÜRK R., EKMEKÇİ R., Project Supported by Higher Education Institutions, Derecelendirilmiş Ditopolojik Doku Uzaylarında Komşuluk Sistemleri, 2015 - 2016

## **Metrics**

Publication: 12

Citation (WoS): 106

Citation (Scopus): 92

H-Index (WoS): 3

H-Index (Scopus): 3