

Res. Asst. ESRA KORKMAZ

Personal Information

Office Phone: [+90 312 297 7850](tel:+903122977850) Extension: 128

Email: esrakaratas@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/esrakaratas>

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

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik A.B.D., Turkey 2013 - 2018

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 2010 - 2013

Undergraduate, Hacettepe University, Fen Fakültesi, Matematik Bölümü, Turkey 2005 - 2010

Foreign Languages

Italian, A2 Elementary

English, C2 Mastery

Dissertations

Doctorate, SOME TOPOLOGICAL PROPERTIES GENERALIZED TO DIFRAMES, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2018

Postgraduate, Asymmetric topological spaces, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2013

Research Areas

Mathematics, General Topology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2012 - Continues

Courses

TEMEL MATEMATİK I, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. An application of fuzzy soft sets to a real-life problem: Classification of wood materials to prevent fire-related injuries and deaths

KORKMAZ E., Özcan C., Korkmaz M.

Applied Soft Computing, vol.132, 2023 (SCI-Expanded)

II. **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)

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)

Scientific Refereeing

International Journal of Computer Mathematics: Computer Systems Theory, Other Indexed Journal, November 2019

Metrics

Publication: 4

Citation (WoS): 2

H-Index (WoS): 1

Scholarships

National Scholarship Programme for PhD Students, TUBITAK, 2013 - 2018

National Scholarship Programme for MSc Students, TUBITAK, 2010 - 2013