

Asst. Prof. AYSUN TEZEL ÖZTURAN

Personal Information

Email: aozturan@hacettepe.edu.tr

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

International Researcher IDs

ORCID: 0000-0003-4076-813X

Yoksis Researcher ID: 141947

Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2002 - 2010

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2002 - 2005

Undergraduate Double Major, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1997 - 2001

Undergraduate, Middle East Technical University, Faculty Of Education, Turkey 1996 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A semismooth Newton method for generalized semi-infinite programming problems, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, 2010

Postgraduate, Smooth and nonsmooth newton methods for solving semi-infinite programming, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Matematik (YI) (Tezli), 2005

Research Areas

Mathematics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues

Lecturer PhD, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. On an Application of Generalized Semi-Infinite Optimization
Ozturan A.

- ACTA PHYSICA POLONICA A, vol.130, no.1, pp.14-16, 2016 (SCI-Expanded)
- II. **Solving Generalized Semi-Infinite Programming Problems with a Trust Region Method**
Tezel Ozturan A.
ACTA PHYSICA POLONICA A, vol.128, 2015 (SCI-Expanded)
- III. **THE SEMISMOOTH APPROACH FOR SEMI-INFINITE PROGRAMMING WITHOUT STRICT COMPLEMENTARITY**
Stein O., Tezel A.
SIAM JOURNAL ON OPTIMIZATION, vol.20, no.2, pp.1052-1072, 2009 (SCI-Expanded)
- IV. **The semismooth approach for semi-infinite programming under the Reduction Ansatz**
Stein O., Tezel A.
JOURNAL OF GLOBAL OPTIMIZATION, vol.41, no.2, pp.245-266, 2008 (SCI-Expanded)
- V. **On generalized semi-infinite optimization of genetic networks**
Weber G., Tezel A.
TOP, vol.15, no.1, pp.65-77, 2007 (SCI-Expanded)

Books & Book Chapters

- I. **Bilgisayar Destekli Nümerik Analiz**
Tezel Özturan A.
Nobel Yayın Dağıtım, Ankara, 2021
- II. **Optimizasyon ve Matlab Uygulamaları**
Tezel Özturan A.
Nobel Yayın Dağıtım, Ankara, 2019
- III. **Numerical Methods for Solving Semi-infinite optimization problems**
TEZEL ÖZTURAN A.
Lap Lambert Academic Publishing, 2016

Metrics

Publication: 8
Citation (WoS): 51
Citation (Scopus): 26
H-Index (WoS): 4
H-Index (Scopus): 3