

Asst. Prof. AYSUN TEZEL ÖZTURAN

Personal Information

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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 gernalized 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

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

- I. **On an Application of Generalized Semi-Infinite Optimization**
Ozturan A.
ACTA PHYSICA POLONICA A, vol.130, no.1, pp.14-16, 2016 (Journal Indexed in SCI)
- II. **Solving Generalized Semi-Infinite Programming Problems with a Trust Region Method**
Tezel Ozturan A.
ACTA PHYSICA POLONICA A, vol.128, 2015 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

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 (Journal Indexed in SCI)

V. On generalized semi-infinite optimization of genetic networks

Weber G., Tezel A.

TOP, vol.15, no.1, pp.65-77, 2007 (Journal Indexed in SCI)

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

Citations

Total Citations (WOS):51

h-index (WOS):4