

Assoc. Prof. Burcu Tunga

Personal Information

Email: tungab@itu.edu.tr

Web: <http://web.itu.edu.tr/tungab/>

International Researcher IDs

ORCID: 0000-0001-7318-964X

ScopusID: 25423119500

Yoksis Researcher ID: 148680

Education Information

Doctorate, İstanbul Technical University, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik Anabilim Dalı, Turkey 2004 - 2010

Postgraduate, İstanbul Technical University, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik Anabilim Dalı, Turkey 2002 - 2004

Undergraduate, İstanbul Technical University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1995 - 2000

Foreign Languages

English

Dissertations

Doctorate, Yüksek boyutlu model gösteriminde sendelenimsiz matris gösterilimi tabanlı ağırlık eniyilemesi, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik Anabilim Dalı, 2010

Postgraduate, Uyumlu salıncının doğrusal ikikutup işlevli, ikinci derece erek ve yaptırım terimli eniyilemeli denetim denklemlerinin elde edilmesi ve çözümlesi, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Hesaplamalı Bilim Ve Mühendislik Anabilim Dalı, 2004

Research Areas

Information Systems, Communication and Control Engineering, Signal Processing, Image and Video Processing, Mathematics, Computer Science, Numerical Analysis, Approximations and Expansions, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, İstanbul Technical University, Fen-Edebiyat Fakültesi, Matematik Mühendisliği, 2017 - Continues

Assistant Professor, İstanbul Technical University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013 - Continues

Lecturer PhD, İstanbul Technical University, Bilişim Enstitüsü, Bilişim Uygulamaları Anabilim Dalı, 2005 - 2013

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2014 - 2016

Courses

Programming Algorithms, Undergraduate, 2017 - 2018

Adv.Scientific & Eng.Computing, Undergraduate, 2017 - 2018

Lineer Cebir, Undergraduate, 2016 - 2017

Computer Aided Symbolic Calc I (Mathematica, Mupad), Undergraduate, 2016 - 2017

Numerical Methods, Undergraduate, 2017 - 2018

Jury Memberships

Post Graduate, Study of the Motion of the Multiparticle Systems via Probabilistic Evolution Theory and Approximation Through Padé Approximants", (in Turkish), İstanbul Teknik Üniversitesi, November, 2017

Supported Projects

Tunga B., Project Supported by Higher Education Institutions, Görüntü İşlemede Logaritmik Yüksek Boyutlu Model Gösterilimi, 2014 - 2018

Tunga B., Project Supported by Higher Education Institutions, Multidrive Data Modelling Throught Factorized HDMR with Optimized Weight Factors, 2013 - 2018

Tunga B., Project Supported by Higher Education Institutions, Probabilistic Evolution of the state Veriable Expected Values in Lioville Equation Perspective for a Many Particle System Interacting Via Elestic Forces, 2012 - 2018

Tunga B., Project Supported by Higher Education Institutions, Parçalı Yüksek Boyutlu Model Gösterilim Yönteminde Düğüm Eniyilemesi, 2011 - 2018

Tunga B., Project Supported by Higher Education Institutions, Çok DEĞİŞKENLİ FONKSİYONLARIN AZ DEĞİŞKENLİ FONKSİYNLAR TÜRÜNDEN YENİDEN GÖSTERİMİ, 2010 - 2018

Scientific Refereeing

International Journal of Advances in Engineering Sciences and Applied Mathematics, Other Indexed Journal, November 2017

Mathematical Methods in the Applied Sciences, SCI Journal, September 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, January 2015

Metrics

Publication: 52

Citation (WoS): 113

Citation (Scopus): 127

H-Index (WoS): 5

H-Index (Scopus): 6

Non Academic Experience

İstanbul Teknik Üniversitesi