

Kişisel Bilgiler

E-posta: etuncer@metu.edu.tr

Eğitim Bilgileri

Doktora, Boston University, Mühendislik Fakültesi, Elektrik ve Bilgisayar Mühendisliği Bölümü, Amerika Birleşik Devletleri
1989 - 1993

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye
1987 - 1989

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1983 -
1987

Yaptığı Tezler

Doktora, Two-band QMF Banks, Butterworth Wavelets, Time-Varying Filter Banks and Adaptive Echo Cancellation.,
Boston University, Ecs, 1993

Yüksek Lisans, A Medical imaging system for the estimation of vessel diameter and left ventricular volume, Orta Doğu
Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1989

Araştırma Alanları

Elektrik-Elektronik Mühendisliği

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2007 - Devam
Ediyor

Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2001 - 2007

Yrd.Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1998 - 2001

Yrd.Doç.Dr., Ankara Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1993 - 1998

Yönetilen Tezler

TUNCER T. E. , Beamforming for energy harvesting and multi-user communications, Doktora, Ö.TUĞFE(Öğrenci), 2018

TUNCER T. E. , Path planning and localization for mobile anchor based wireless sensor networks, Yüksek Lisans,
E.ERDEMİR(Öğrenci), 2017

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A.MUSAB(Öğrenci), 2016

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TUNCER T. E. , Real time implementation of an acoustic radar on field programmable gate arrays, Yüksek Lisans, M.ARSLAN(Öğrenci), 2012
TUNCER T. E. , Online calibration of sensor arrays using higher order statistics, Doktora, M.AKTAŞ(Öğrenci), 2012
TUNCER T. E. , Direction finding performance of antenna arrays on complex platforms using numerical electromagnetic simulation tools, Yüksek Lisans, M.ONUR(Öğrenci), 2011
TUNCER T. E. , Planar array structures for two-dimensional direction-of-arrival estimation, Doktora, T.FİLİK(Öğrenci), 2010
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TUNCER T. E. , Feature set evaluation for a generic missile detection system, Yüksek Lisans, K.SELÇUK(Öğrenci), 2007
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- **Improved ADMM-based algorithms for multi-group multicasting in large-scale antenna systems with extension to hybrid beamforming**
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- **Sectorized approach and measurement reduction for mutual coupling calibration of non-omnidirectional antenna arrays**
Aksoy T., TUNCER T. E.
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- **LSE and MSE optimum partition-based FIR-IIR deconvolution filters with best delay**
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Tuncer T.
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- **Improved ADMM-Based Algorithm for Multi-Group Multicast Beamforming in Large-Scale Antenna Systems**
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- **A New Beamformer Design Method for Multi-Group Multicasting by Enforcing Constructive Interference**
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- **Path Planning and Localization for Mobile Anchor Based Wireless Sensor Networks**
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25th European Signal Processing Conference (EUSIPCO), Yunanistan, 28 Ağustos - 02 Eylül 2017, ss.131-135
- **SWIPT for Max-Min Fair Multi-Group Multicast Beamforming Through Power Splitting**
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IEEE Wireless Communications and Networking Conference (WCNC), San-Francisco, Kostarika, 19 - 22 Mart

2017

- **Cooperative Localization In One-Hop And Multi-Hop Wireless Sensor Networks Using Alternating Minimization Algorithm**
Erdemir E. N. , TUNCER T. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.1357-1360
- **Direction-of-Arrival and Mutual Coupling Coefficient Estimation With A Single Observation For Arbitrary Array Structures**
Elbir A. M. , TUNCER T. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.1105-1108
- **Relay-Assisted Beamforming for Multicast Systems with Energy Harvesting Capability**
DEMİR Ö. T. , TUNCER T. E.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016, ss.1865-1868
- **Compressed Sensing For Single Snapshot Direction Finding In The Presence of Mutual Coupling**
Elbir A. M. , TUNCER T. E.
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- **Two-Bit Hybrid Beamforming for Broadcasting**
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- **DISTRIBUTED BEAMFORMING IN RELAY NETWORKS FOR ENERGY HARVESTING MULTI-GROUP MULTICAST SYSTEMS**
DEMİR Ö. T. , TUNCER T. E.
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- **HYBRID BEAMFORMING WITH TWO BIT RF PHASE SHIFTERS IN SINGLE GROUP MULTICASTING**
DEMİR Ö. T. , TUNCER T. E.
IEEE International Conference on Acoustics, Speech, and Signal Processing, Shanghai, Çin, 20 - 25 Mart 2016, ss.3271-3275
- **MULTI-GROUP MULTICAST BEAMFORMING FOR SIMULTANEOUS WIRELESS INFORMATION AND POWER TRANSFER**
DEMİR Ö. T. , TUNCER T. E.
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- **SPARSE SUPPORT RECOVERY FOR DOA ESTIMATION IN THE PRESENCE OF MUTUAL COUPLING**
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- **JOINT OPTIMIZATION OF TRANSMIT AND RELAY BEAMFORMER FOR SINGLE GROUP MULTICAST TRANSMISSION**
DEMİR Ö. T. , TUNCER T. E.
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- **DIRECTION FINDING AND LOCALIZATION FOR FAR-FIELD SOURCES WITH NEAR-FIELD MULTIPATH REFLECTIONS**
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- **SOURCE LOCALIZATION WITH SPARSE RECOVERY FOR COHERENT FAR- AND NEAR-FIELD SIGNALS**
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- **Discrete Relay Beamforming for Broadcasting with Relay Selection**

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Atrflar

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