

# Prof. MEVLÜDE GÜLBİN DURAL ÜNVER

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-4513-2020

ScopusID: 6602306599

Yoksis Researcher ID: 12812

## Education Information

Doctorate, Ohio State University, Elektrik Elektronik Müh, United States Of America 1984 - 1988

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), Turkey 1981 - 1983

Undergraduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1976 - 1981

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2005 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 2005

Assistant Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1989 - 1994

Research Assistant, Ohio State University, Mühendislik, Elektrik Mühendisliği, 1984 - 1988

Research Assistant, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1981 - 1983

## Academic and Administrative Experience

Middle East Technical University, Graduate School of Natural and Applied Sciences, 2014 - Continues

Middle East Technical University, Graduate School of Natural and Applied Sciences, 2012 - 2014

## Advising Theses

DURAL ÜNVER M. G., Radar cross section reduction of cylindrical cavities using ray-tracing method, Postgraduate, Y.SEZGİN(Student), 2022

DURAL ÜNVER M. G., 2-6 GHz gallium nitride hemt mmic amplifier design, Postgraduate, M.ÇAKMAK(Student), 2022

DURAL ÜNVER M. G., Investigation of tightly coupled arrays for wideband applications, Postgraduate, K.Arda(Student), 2020

DURAL ÜNVER M. G., Design and realization a quasi yagi antenna array and its feed system printed on a ceramic substrate for x-band radar applications, Postgraduate, B.Atabay(Student), 2019

DURAL ÜNVER M. G., YILDIRIM N., Design of selective linear phase cross-coupled dielectric resonator filters, Postgraduate, O.OZAN(Student), 2018

DURAL ÜNVER M. G., Rectangular waveguide mode converters for creating monopulse radiation patterns, Postgraduate, O.DUMAN(Student), 2018

DURAL ÜNVER M. G., Analysis of spherical-rectangular printed antennas and antenna arrays using cavity model, Postgraduate, O.DEMİR(Student), 2017

DURAL ÜNVER M. G., Derivation of Green's functions for spherically stratified media using an equivalent two port network model, Postgraduate, B.YENİ(Student), 2015

DURAL ÜNVER M. G., Propagation models for hilly terrain based on ray optic methods, Postgraduate, E.ERSİN(Student), 2015

DURAL ÜNVER M. G., Derivation of green's functions for spherically stratified media using an equivalent two port network model / , Postgraduate, B.Yeni(Student), 2015

ALATAN L., DURAL ÜNVER M. G., Analysis of various microstrip printed geometries using closed-form green's functions, Postgraduate, İ.ÜLKÜ(Student), 2013

DURAL ÜNVER M. G., Comparative evaluation of ISAR processing algorithms, Postgraduate, A.TUFAN(Student), 2012

DURAL ÜNVER M. G., Analysis and design of cylindrically conformal microstrip antennas, Postgraduate, A.ÖZGÜR(Student), 2011

DURAL ÜNVER M. G., Analysis and design of cylindrically conformal microstrip antennas, Postgraduate, A.Özgür(Student), 2011

DURAL ÜNVER M. G., Improving operational performance of antennas on complex platforms by arranging their placements, Postgraduate, C.BAYSEFEROĞULLARI(Student), 2010

DURAL ÜNVER M. G., KOÇ S. S., Comparative evaluation of SAR image formation algorithms, Postgraduate, H.İBRAHİM(Student), 2010

DURAL ÜNVER M. G., Transmission properties of fishnet structure as a left handed metamaterial, Postgraduate, Ş.BİLGE(Student), 2009

DURAL ÜNVER M. G., Parametric study and design of vivaldi antennas and arrays, Postgraduate, Y.ERDOĞAN(Student), 2009

DURAL ÜNVER M. G., Neural network based beamforming for linear and cylindrical array applications, Postgraduate, M.GÜREKEN(Student), 2009

DURAL ÜNVER M. G., Electromagnetic scattering analysis and design of sandwich type radomes, Postgraduate, M.MURAT(Student), 2009

DURAL ÜNVER M. G., Analysis of slot coupled patch antennas using closed form green's functions, Postgraduate, M.Göksu(Student), 2009

DURAL ÜNVER M. G., Analysis of slot coupled patch antennas using closed form Green's functions, Postgraduate, M.GÖKSU(Student), 2009

LEBLEBİCİOĞLU M. K., DURAL ÜNVER M. G., A novel neural network based approach for direction of arrival estimation, Doctorate, S.ÇAYLAR(Student), 2007

DURAL ÜNVER M. G., Radar range-Doppler imaging using joint time-frequency techniques, Postgraduate, D.AKHANLI(Student), 2007

DURAL ÜNVER M. G., Performance of bilinear time-frequency transforms in ISAR, Postgraduate, B.LOĞOĞLU(Student), 2007

DURAL ÜNVER M. G., Analysis of coupled lines in microwave printed circuit elements, Postgraduate, Ş.ÖZKAL(Student), 2007

DURAL ÜNVER M. G., Numerically efficient analysis and design of conformal printed structures in cylindrically layered media, Doctorate, R.CÜNEYT(Student), 2007

DURAL ÜNVER M. G., ISAR imaging and motion compensation, Postgraduate, T.KÜÇÜKKILIÇ(Student), 2006

DURAL ÜNVER M. G., Derivation of green's functions for planarly layered anisotropic media, Postgraduate, S.GÖKÇEN(Student), 2001

DURAL ÜNVER M. G., Use of parametric scattering modelling techniques for SAR/ISAR imaging, Postgraduate,

S.SEZGİN(Student), 1999

DURAL ÜNVER M. G., Isar imaging for moving targets, Postgraduate, T.BİRİNCİ(Student), 1999

DURAL ÜNVER M. G., Use of computationally efficient mom in the analysis of arbitrary slot geometries, Postgraduate, R.DEMİRÇALI(Student), 1998

DURAL ÜNVER M. G., Analysis of the dielectric-rod antennas using the method of effective dielectric constants, Postgraduate, S.ÇETİNBAŞ(Student), 1998

DURAL ÜNVER M. G., Analysis of slot geometries using closed form green's functions, Postgraduate, F.ARSLAN(Student), 1997

DURAL ÜNVER M. G., Derivation of closed-form green's functions for cylindrically stratified media, Postgraduate, Ç.TOKGÖZ(Student), 1997

DURAL ÜNVER M. G., A Study on adaptive antenna beamformers, Postgraduate, E.GÜL(Student), 1997

DURAL ÜNVER M. G., Analysis of microstrip lines using closed-form green's functions, Postgraduate, N.KEMAL(Student), 1996

DURAL ÜNVER M. G., Analysis of slot lines using closed-form green's functions in spatial domain, Postgraduate, C.KURAL(Student), 1995

DURAL ÜNVER M. G., Slot-coupled microstrip circular patch antenna, Postgraduate, E.AKGÜL(Student), 1993

DURAL ÜNVER M. G., Çember çerçeve antenler-bir sayısal yaklaşım, Postgraduate, H.TOKSOY(Student), 1992

## Refereed Congress / Symposium Publications in Proceedings

- I. **Dikdörtgen Dalga Kılavuzuna Sahip Çok Modlu Tek Darbe Beslemeleri için Mod Çeviriciler**  
Duman O., DURAL ÜNVER M. G.  
Ursi Ulusal Kongresi, Turkey, 1 - 03 September 2016
- II. **Küresel dikdörtgensel baskılanmış anten ve anten dizilerinin kovuk yöntemi ile analizi URSI Bilimsel Kongresi**  
Demir O., DURAL ÜNVER M. G.  
URSI Ulusal Kongresi, Turkey, 1 - 03 September 2016
- III. **Analysis and Design of Spherical Rectangular Printed Antenna Arrays**  
DEMİR O., DURAL ÜNVER M. G.  
2016 USNC-URSI Radio Science Meeting, 26 - 30 June 2016

## Metrics

Publication: 3

## Non Academic Experience

ODTÜ

TÜBİTAK