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Education Information

Doctorate, Bradford And Ilkley Community College, Electrics-Electronics, United Kingdom 1975 - 1979
Post Graduate, İstanbul Teknik Üniversitesi, Elektrik-Elektronik, Elektrik, Turkey 1968 - 1972

Research Areas

Electrical and Electronics Engineering, Electromagnetic, Electric and Magnetic Fields, Electromagnetic Waves, Antennas and Propagation, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Teknik Üniversitesi, Faculty of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği, 1993 - Continues
Associate Professor, Yıldız Teknik Üniversitesi, Faculty of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği, 1987 - 1993
Assistant Professor, Yıldız Teknik Üniversitesi, Faculty of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği, 1983 - 1987
Research Assistant, Bradford And Ilkley Community College, Faculty of Electrical & Electronics, Elektronik Ve Haberleşme, 1978 - 1983

Professional Experience

Head of Department, Yıldız Teknik Üniversitesi, 2004 - 2010
Vice Dean, Yıldız Teknik Üniversitesi, 1994 - 1998

Advising Theses

Güneş F., Doğrusal dizilim antenlerin ışıma örüntülerinin sentezi, Doctorate, F.Tokan(Student), 2010
Güneş F., Genelleştirilmiş Mikrodalga Kuvvetlendirici Tasarım Prosedürü ve Uygulamaları, Doctorate, S.Demirel(Student), 2009
Güneş F., Küresel Konumlandırma sistemi İçin Düşük Gürültülü Kuvvetlendirici Geliştirilmesi, Doctorate, İ.Onur(Student), 2008
Güneş F., Yenilikçi Bir Arama Kurtarma Sistemlerinde Veri İletişimini için Algoritma Geliştirme Ortamı, Post Graduate, E.İlknur(Student), 2007
Güneş F., LineerAnten Dizilerinde Genetik Algoritma Kullanarak Işıma Paterni Sentezi, Post Graduate, E.Atay(Student), 2007
Güneş F., Yapay Sinir Ağları İle Smith Abağı Modeli, Doctorate, M.Fatih(Student), 2007
Güneş F., GSM EL Değiştirmenin Yapay Sinir Ağlarıyla Modellenmesi, Post Graduate, O.Büyükkeroğlu(Student), 2006
Güneş F., Mikroşerit Hat Süreksizliklerinin Devre Temelli Yapay Sinir Ağı Modeli, Post Graduate, O.Erden(Student), 2006
Güneş F., Ek Devre Yöntemi ve Mgrodalga Kuvvetlendiricilerinin Performans Duyarlılıklarına Uygulaması, Post Graduate, N.Güroğlu(Student), 2005
Güneş F., Devre Fonksiyonları ile Bir Mikrodalga Transistörünün Optimum Sonlandırmalarının Gerçekleştirilmesi, Post

Graduate, M.Ercüment(Student), 2005
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Güneş F., Optimum Performanslı Mikrodalga Kuvvetlendirici Tasarımı, Doctorate, Y.Cengiz(Student), 2004
Güneş F., RF/Mikrodalga Düzlemsel İletim Hatlarının Yapay Sinir Ağları İle Analiz ve Sentezi, Post Graduate, N.Türker(Student), 2004
Güneş F., Transfer Saçılma Parametreleri İle Mikrodalga Kuvvetlendirici Analiz Ve Sentezi, Post Graduate, U.Hınçal(Student), 2004
Güneş F., Kaskad Bağlı - Kapılının Kazanç Duyarlılık Analizi Ve Dağılmış Paramrtreli Mikrodalga Kuvvetlendiricilerine Uygulaması, Post Graduate, S.Altunç(Student), 2003
Güneş F., Performans (F, Vi, Gt) Üçlüleri Kullanılarak Geniş Bandlı Mikrodalga Kuvvetlendirici Tasarımı, Post Graduate, İ.Aliyev(Student), 2001
Güneş F., Geribesleme Uygulanmış Mikrodalga Transistörün Performans Karakterizasyonu, Post Graduate, B.Sağır(Student), 2001
Güneş F., Mikrodalga Transistörün Yapay Sinir Ağı ile Performans Analizi ve Modellenmesi, Doctorate, C.Tepe(Student), 2000
Güneş F., Bir Mikrodalga Transistörünün Yük Empedans Düzleminde Performans Karekterizasyonu, Post Graduate, T.Vural(Student), 1999
GÜNEŞ F., Elektromagnetik Dalgaların Yüzeyleri Empedans Özelliği Gösteren Bir Tarafı Açık Dalga Kılavuzundan Saçılması, Doctorate, B.Artuğ(Student), 1999
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GÜNEŞ F., Frekans Seçici Pasif Mikro Devreleri İçin Bir Bileşik Teori ve Yeni Tip Devrelerin Gerçekleştirilmesi, Post Graduate, R.Ramiz(Student), 1996
GÜNEŞ F., Yağmur Nedeniyle Radyo Dalgaları Zayıflatması, Post Graduate, Ö.Kaniöz(Student), 1994
GÜNEŞ F., Çapraz Konfigürasyonda Schottky Karıştırıcı Diodların Performans Sınırlamalarının Bilgisayar Destekli Analizi ve Optimizasyonu, Doctorate, M.Maksudi(Student), 1993
GÜNEŞ F., Yer-Uydu Haberleşmesinde Yağmur Kaynaklı Zayıflatmanın İstatiksel Modellenmesi, Post Graduate, K.Dimilliler(Student), 1993
GÜNEŞ F., Mikrodalga Transistörlerinin Performans Eğrilerinin Bilgisayarla Simülasyonu, Post Graduate, M.Fidan(Student), 1993
GÜNEŞ F., Kafes Konfigürasyonda Schottky Karıştırıcı Diodların Dönüştürme Kaybı Sınırlamaları, Doctorate, A.KAVAS(Student), 1991
GÜNEŞ F., Düşük Gürültülü Mikrodalga Kuvvetlendirici Tasarımı, Post Graduate, H.torpi(Student), 1989
GÜNEŞ F., Soft-Hard Bir Silindirik Şerit Üzerinde Ardışık Kırınım Sonucu Oluşan Akımlar, Doctorate, Ç.Göksu(Student), 1988
GÜNEŞ F., Mikrodalga Karıştırıcılarının Durum Denklemleriyle Karakterize Edilmesi, Post Graduate, A.Bülent(Student), 1986
GÜNEŞ F., Adaptif Dengelemeli Elektronik Hibrid, Post Graduate, N.Yüngül(Student), 1986
GÜNEŞ F., Mikroişlemci Kontrollu 8-boneli Telefon Santralı, Post Graduate, F.Başaran(Student), 1984

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

- **3D printed wideband flat gain multilayer nonuniform reflectarray antenna for X band applications**
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- **Signal and Noise Modeling of Microwave Transistors Using Characteristic Support Vector-based Sparse Regression**
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