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Education Information

Doctorate, Bradford and Ilkley Community College, Electrics-Electronics, United Kingdom 1975 - 1979
Postgraduate, Istanbul Technical University, Elektrik-Elektronik, Elektrik, Turkey 1968 - 1972

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Electrical and Electronics Engineering, Electromagnetic, Electric and Magnetic Fields, Electromagnetic Waves, Antennas and Propagation, Passive Microwave Circuits, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği, 1993 - Continues
Associate Professor, Yildiz Technical University, Faculty Of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği, 1987 - 1993
Assistant Professor, Yildiz Technical University, 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

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, 2004 - 2010
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, Postgraduate, E.İlknur(Student), 2007

Güneş F., LineerAnten Dizilerinde Genetik Algoritma Kullanarak Işıma Paterni Sentezi, Postgraduate, 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, Postgraduate, O.Büyükkeroğlu(Student), 2006

Güneş F., Mikroşerit Hat Süreksizliklerinin Devre Temelli Yapay Sinir Ağı Modeli, Postgraduate, O.Erden(Student), 2006

Güneş F., Ek Devre Yöntemi ve Mgrodalga Kuvvetlendiricilerinin Performans Duyarlılıklarına Uygulaması, Postgraduate, N.Güroğlu(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, Postgraduate, N.Türker(Student), 2004

Güneş F., Transfer Saçılma Parametreleri İle Mikrodalga Kuvvetlendirici Analiz Ve Sentezi, Postgraduate, U.Hınçal(Student), 2004

Güneş F., Kaskad Bağlı - Kapılının Kazanç Duyarlılık Analizi Ve Dağılmış Paramrtreli Mikrodalga Kuvvetlendiricilerine Uygulaması, Postgraduate, S.Altunç(Student), 2003

Güneş F., Performans (F, Vi, Gt) Üçlüleri Kullanılarak Geniş Bandlı Mikrodalga Kuvvetlendirici Tasarımı, Postgraduate, İ.Aliyev(Student), 2001

Güneş F., Geribesleme Uygulanmış Mikrodalga Transistörün Performans Karakterizasyonu, Postgraduate, 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, Postgraduate, 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, Postgraduate, R.Ramiz(Student), 1996

GÜNEŞ F., Yağmur Nedeniyle Radyo Dalgaları Zayıflatması, Postgraduate, Ö.Kaniöz(Student), 1994

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GÜNEŞ F., Mikrodalga Transistörlerinin Performans Eğrilerinin Bilgisayarla Simülasyonu, Postgraduate, 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, Postgraduate, H.torpi(Student), 1989

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GÜNEŞ F., Adaptif Dengelemeli Elektronik Hibrid, Postgraduate, N.Yüngül(Student), 1986

GÜNEŞ F., Mikroişlemci Kontrollu 8-boneli Telefon Santralı, Postgraduate, F.Başaran(Student), 1984

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I. **3D EM data driven surrogate based design optimization of traveling wave antennas for beam scanning in X-band: an application example**
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XV. **Microstrip tapered traveling wave antenna for wide range of beam scanning in X- and Ku-bands**
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XXXI. **An UWB LNA Design with PSO Using Support Vector Microstrip Line Model**
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