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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: W-4047-2017

ScopusID: 66026113720

Yoksis Araştırmacı ID: 5987

Eğitim Bilgileri

Doktora, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye
1992 - 1996

Yüksek Lisans, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü,
Türkiye 1989 - 1992

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Türkiye 1984 -
1989

Yaptığı Tezler

Doktora, Analysis of cylindrical reflector antennas in the presence of circular radomes by complex source oal series approach, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1996
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Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2008 - Devam
Ediyor

Doç. Dr., Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 2003 - 2008

Yrd. Doç. Dr., Dokuz Eylül Üniversitesi, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, 1997 - 2003

Akademik İdari Deneyim

Dokuz Eylül Üniversitesi, 2011 - 2014

Verdiği Dersler

Anatennas and Propagation, Lisans, 2021 - 2022
Electromagnetic Theory, Lisans, 2021 - 2022
Elektromagnetic Waves, Lisans, 2021 - 2022
Complex Analysis, Lisans, 2019 - 2020
Differential Equations, Lisans, 2018 - 2019
Advanced Electromagnetic Theory, Yüksek Lisans, 2015 - 2016
Applied Optics, Yüksek Lisans, 2011 - 2012
Numerical Techniques in Electromagnetics, Yüksek Lisans, 2007 - 2008
High Frequency Techniques in Electromagnetics, Yüksek Lisans, 2004 - 2005

Yönetilen Tezler

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OĞUZER T. A., Elektromanyetik dalganın iki boyutlu ince dielektrik katmandan saçınımının modellenmesi, Yüksek Lisans, A.YILDIRIM(Öğrenci), 2018
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Oğuzer T. A., Numerical Simulation of a Two Dimensional Circular Reflector Antenna System By The Method of Moments, Yüksek Lisans, A.Aybars(Öğrenci), 2001

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- I. **A new approach to design multi section wideband transmissive absorber using thin resistive sheets and dielectric slabs**
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- II. **Localized Green's function using a beam-pattern for the fast modeling of 2D electromagnetic scattering**
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- III. **Reflection and transmission properties of a graphene-dielectric-thin resistive layer structure in the THz range**
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- IV. **Improving radiation performance of the cylindrical dielectric reflector sandwiched by thin resistive layer illuminated by a complex line source**
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- V. **Evaluation of the E-polarization focusing ability in Thz range for microsize cylindrical parabolic reflector made of thin dielectric layer sandwiched between graphene**
Oguzer T. A., ALTINTAŞ A.
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- VI. **Fast modeling of electromagnetic scattering from 2D electrically large PEC objects using the complex line source type Green's function**
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INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, cilt.11, sa.3, ss.276-286, 2019 (SCI-Expanded)
- VII. **Analysis of a thin, penetrable, and non-uniformly loaded cylindrical reflector illuminated by a complex line source**
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Oguzer T. A., ALTINTAŞ A., Nosich A. I.
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- IX. **Analysis of an arbitrary-profile, cylindrical, impedance reflector surface illuminated by an E-polarized complex line source beam**
Kuyucuoglu F., Oguzer T. A., AVGIN İ., ALTINTAŞ A.
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- X. **Analysis of the elliptic-profile cylindrical reflector with a non-uniform resistivity using the complex source and dual-series approach: H-polarization case**
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- XI. **Electromagnetic scattering from layered strip geometries: the method of moments study with the sinc basis**
Oguzer T. A., Kuyucuoglu F., AVGIN İ.
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- XII. **Integral equation analysis of an arbitrary-profile and varying-resistivity cylindrical reflector illuminated by an E-polarized complex-source-point beam**
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- XVI. **Analysis of a cylindrical reflector antenna encased in a concentric dielectric radome with a resistive or PEC inner circular grating**
Oguzer T. A.
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- XIX. **ACCURATE SIMULATION OF REFLECTOR ANTENNAS BY THE COMPLEX SOURCE-DUAL SERIES APPROACH**
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- XX. **ON THE ELIMINATION OF INFINITIES IN THE PO COMPONENT OF EQUIVALENT EDGE CURRENTS**
OGUZER T. A., ALTINTAS A., BUYUKDURA O.
WAVE MOTION, cilt.18, sa.1, ss.1-10, 1993 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A hybrid approach in the fast modelling of 2D scattering from pec strip using Nystrom algorithm and the beam type Green'xxs function**
OĞUZER T. A.
2019 IEEE 39th international conference on electronics and nanotechnology, 16 - 18 Nisan 2019
- II. **Electromagnetic Scattering of THz Waves from a Microsize Graphene-Sandwiched Thin Dielectric Strip**
Oguzer T. A., ALTINTAŞ A.
17th IEEE International Conference on Mathematical Methods in Electromagnetic Theory (MMET), Kyiv, Ukrayna, 2 - 05 Temmuz 2018, ss.91-94
- III. **The Fast Computation of the Electromagnetic Scattering By Using the Complex Line Source Type Green's Function in the Method of Moments**
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5th IEEE Microwaves, Radar and Remote Sensing Symposium (MRRS), Kyiv, Ukrayna, 29 - 31 Ağustos 2017, ss.224-228
- IV. **Scattering and Absorption Performance of a Microsize Graphene-Based Parabolic Reflector in the THz Range Illuminated by a Complex Line Source**
Oguzer T. A., ALTINTAŞ A.
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- V. **Focusing Ability of a Microsize Graphene-Based Cylindrical Reflector in the THz Range Illuminated by Electromagnetic Plane Wave**
Oguzer T. A., ALTINTAŞ A.
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- VI. **Electromagnetic scattering from arbitrary flat plates: Analysis of the problem by using method of moments with different sinc type basis functions**
Ozbakis B., Oguzer T. A., Kustepeli A.
2011 30th URSI General Assembly and Scientific Symposium, URSIGASS 2011, İstanbul, Türkiye, 13 - 20 Ağustos 2011
- VII. **Effect of the off-focus shift of the feed on the radiation characteristics of a 2-D parabolic reflector antenna**
Oğuzer T. A., Altintas A., Nosich A.
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- VIII. **ANALYSIS OF AN ARBITRARY PROFILE REFLECTOR ANTENNA HAVING RESISTIVE-TYPE SURFACE - H-POLARIZATION CASE**
Oguzer T. A., Altintas A., Nosich A. I.
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- IX. Analysis of the 2D nonconcentric large reflector antenna-in-radome system: H-polarization case**
Oguzer T. A.
10th International Conference on Mathematical Methods in Electromagnetic Theory, Dnepropetrovsk, Ukrayna, 14 - 17 Eylül 2004, ss.415-417
- X. Radiation characteristics of a 2D parabolic microwave reflector antenna analyzed by the complex source-dual series approach**
OĞUZER T. A., Nosich A., Altıntaş A.
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- XI. ANALYSIS OF CIRCULAR REFLECTORS BY COMPLEX SOURCE-DUAL SERIES APPROACH**
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1993 International Symposium Digest on Antennas and Propagation, Michigan, Amerika Birleşik Devletleri, 28 Haziran - 02 Temmuz 1993, ss.922-929

Desteklenen Projeler

OĞUZER T. A., Yükseköğretim Kurumları Destekli Proje, ELEKTROMANYETİK SAÇINIM PROBLEMİNİN NÜMERİK HİBRİD TEKNİKLERLE ANALİZİ, 2018 - 2020

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