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Kurum: Mühendislik Fakültesi / Elektrik-Elektronik Mühendisliği Bölümü / Elektronik Anabilim Dalı



Uluslararası Araştırmacı ID'leri

YÖKSİS Araştırmacı ID: 275899

Eğitim Bilgileri

I. The University of Manchester · Doktora · Yurt Dışı · 2013–2017 · Subcell FDTD method for ultrawideband applications (2013–2017)

II. University of Manchester {England} · Yüksek Lisans · Yurt Dışı · 2011–2012 · Time reversal with FDTD method for brain cancer detection and localization (2011–2012)

III. FIRAT ÜNİVERSİTESİ · Lisans · Yurt İçi · 2005–2009 · TEKNİK EĞİTİM FAKÜLTESİ · ELEKTRONİK EĞİTİMİ BÖLÜMÜ (2005–2009)

Araştırma Alanları

Mühendislik Temel Alanı · Elektrik-Elektronik ve Haberleşme Mühendisliği · Elektromanyetik, Mikrodalga ve Anten Teknolojileri

Makaleler

I. On the Reflection From an FDTD Conducting Stair (2026)

Berenger Jean Pierre, TEKBAŞ KENAN

II. Hybridization of Multiconductor Transmission Line Solver With Circuit Solver Ngspice to Treat Line Interconnections and Terminations (2025)

Bravo Alberto Gascón, Angulo Luis Manuel Diaz, Silva Ferran, Quílez Marcos, TEKBAŞ KENAN, Garcia Salvador G.

III. FDTD Voxels-in-Cell method with Debye media (2024)

TEKBAŞ KENAN, Berenger Jean Pierre, Angulo Luis Manuel Diaz, Ruiz Cabello Miguel, Garcia Salvador G.

IV. Impedance Modeling of Common Mode Ferrite Chokes Using Transmission Line Theory (2024)

Manterola Alejandro Muñoz, Angulo Luis Manuel Diaz, Bravo Alberto Gascón, TEKBAŞ KENAN, Tijero María, MORENO ROBERTO, Garcia Salvador G.

V. Time Domain Simulation of Common Mode Ferrite Chokes at System Level (2023)

Bravo Alberto Gascón, Garcia Salvador G., Manterola Alejandro Muñoz, CANCELA MANUEL AÑÓN, MORENO ROBERTO, TEKBAŞ KENAN, Angulo Luis Manuel Diaz

VI. Finite-Difference Time-Domain (FDTD) Method with Non-Homogeneous Cells Filled with Voxels (2023)

TEKBAŞ KENAN, Berenger Jean Pierre

VII. FDTD Algorithm for Numerical Anatomical Models With Cells Containing Several Debye Media (2021)

TEKBAŞ KENAN, Berenger Jean Pierre

VIII. Subcell Modeling of Frequency-Dependent Thin Layers in the FDTD Method (2017)

TEKBAŞ KENAN, Costen Fumie, Berenger Jean Pierre, Himeno Ryutaro, Hideo Yokota

Bildiriler

I. Accelerating Finite-Difference Time-Domain (FDTD) Solvers using Voxels-in-Cell Method (2024)

TEKBAŞ KENAN, Berenger Jean Pierre, Angulo Luis Manuel Diaz, Ruiz Cabello Miguel, Garcia Salvador G.

II. Numerical Coupling of Landau-Lifshitz-Gilbert Equation with Maxwells Equations to Simulate Electromagnetic Wave Interaction with Ferromagnetic Materials (2024)

TEKBAŞ KENAN, Berenger Jean Pierre, Angulo Luis Manuel Diaz, Ruiz Cabello Miguel, Garcia Salvador G.

III. FDTD modelling of electrically thin frequency dependent layers in large-scale electromagnetic problems (2015)

TEKBAŞ KENAN, Costen Fumie, Berenger Jean Pierre

Projeler

I. A Fast Numerical Solver for Electromagnetic Compatibility Assessment of Aircrafts Made Using Nano- and Micro-Engineered Materials (2022)

Salvador G. Garcia, KENAN TEKBAŞ