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John L. Volakis is the Dean of Engineering and Computing and Professor of Electrical & Computer Engineering at Florida International University (FIU) in Miami, FL.A native of Chios, Greece, Prof. Volakis obtained his Ph.D. from The Ohio State University in 1982. Prior to becoming a Dean at FIU, he was a Professor at The University of Michigan (1984-2003) and The Ohio State University (2003-2017).

Antenna Engineering Handbook: Volakis, John: 9781259644696 ...

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Antenna Technology for ATSC 3.0 - Boosting the Signal Strength John L. Schadler VP Engineering Dielectric, Raymond, ME. ABSTRACT U.S. broadcasters planning for the upcoming re-pack must choose a new antenna system from a variety of available designs. Coinciding with the re-pack is an anticipation of

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Douglas Werner, John L. and Genevieve H. McCain Chair Professor in Electrical Engineering, along with his current and former graduate students, J. Daniel Binion and Zhi Hao Jiang, respectively, worked jointly with Erik Lier and Thomas H. Hand from Lockheed Martin Space to dramatically improve the design of the conventional short backfire antenna by significantly increasing its aperture efficiency (gain), without affecting its rugged and compact design, nor increasing its weight.

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ANTENNA ENGINEERING HANDBOOK. ANTENNA ENGINEERING HANDBOOK. John L Volakis, Editor. ElectroScience Laboratory Dept. of Electrical and Computer Engineering The Ohio State University. Richard C. Johnson. Editor of Second and Third Editions. Henry Jasik. Editor of First Edition.

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Over the years, he carried out research in antennas, wireless communications and propagation, computational methods, electromagnetic compatibility and interference, design optimization, RF materials, multiphysics engineering, millimeter waves, terahertz, and medical sensing.

John L. Volakis - IEEE Xplore Author Details

His research is in electromagnetics, RF materials and metamaterials, antennas and phased array, RF transceivers, textile electronics, millimeter waves and terahertz, EMI/EMC as well as EM diffraction and computational methods. He is also the authors of 8 books, including the Antenna Handbook, referred to as the "antenna bible."

Homepage - John L. Volakis

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Antenna engineering handbook (eBook, 2019) [WorldCat.org]

Antenna Engineering Handbook, his other books include Approximate Boundary Conditions in Electromagnetics (IEE Press), Finite Element Method for Electromagnetics (IEEE Press-Wiley), and Frequency...

Antenna Engineering Handbook: Edition 5 by John Volakis ...

How the E-H Antenna Really Works. There are many examples where designers intentionally use common-mode currents. Examples are found in textbooks, such as the "Antenna Engineering Handbook" by Jasik on and around page 22-6.

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He is the director of the Computational Electromagnetics and Antennas Research Lab as well as a member of the Communications and Space Sciences Lab (CSSL). He is also a faculty member of the Materials Research Institute (MRI) at Penn State. Prof.

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