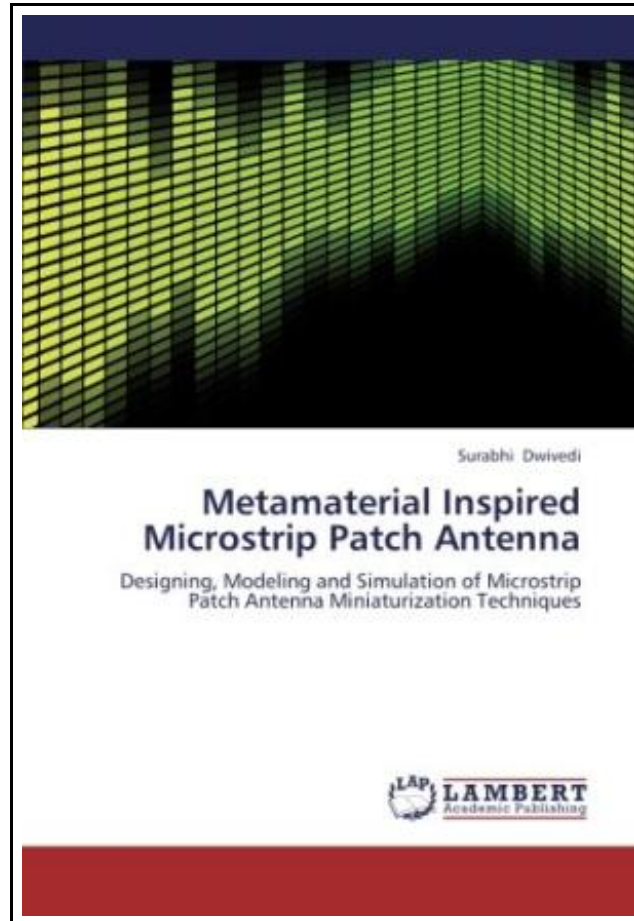


Metamaterial Inspired Microstrip Patch Antenna



Filesize: 2.62 MB

Reviews

This publication is worth getting. it absolutely was writtern very completely and useful. I am quickly could possibly get a pleasure of reading a written publication.

(Ariane Rau)

METAMATERIAL INSPIRED MICROSTRIP PATCH ANTENNA



LAP Lambert Academic Publishing Feb 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x8 mm. Neuware - The introductory topic of this special issue provides a carefully structured, elegant discussion of the fundamental principles of the radiating elements and has been written as an introduction for the nonspecialist and a review for the expert. An analytical method is used to predict the features of the simulation results, implying that within a certain frequency range, negative value of permittivity and permeability is obtained due to metamaterials. The S-parameters as a performance matrix with -35.1532dB are obtained from antenna simulations carried on CADFEKO Silverlite version 5.5 and High Frequency Structure Simulator version 11. These parameters are used to retrieve the effective permittivity and permeability. Simulations have been carried out for different shapes of microstrip patch antenna in the microwave regime of Low Earth Orbit and Medium Earth Orbit satellites. Based on the methodology, optimization of structure is proposed for the application of metamaterials as antenna substrate to primarily enhance directivity by minimizing its refractive index. 132 pp. Englisch.



[Read Metamaterial Inspired Microstrip Patch Antenna Online](#)



[Download PDF Metamaterial Inspired Microstrip Patch Antenna](#)

Related Kindle Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Save ePub »](#)



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Save ePub »](#)



Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal...

[Save ePub »](#)



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

[Save ePub »](#)



All My Fault: The True Story of a Sadistic Father and a Little Girl Left Destroyed

Ebury Publishing. Paperback. Book Condition: new. BRAND NEW, All My Fault: The True Story of a Sadistic Father and a Little Girl Left Destroyed, Audrey Delaney, 'I could see what he was doing to the...

[Save ePub »](#)