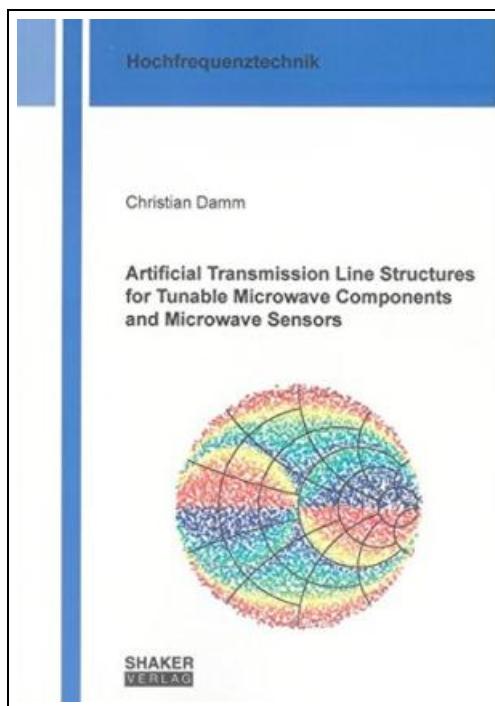


## Artificial Transmission Line Structures for Tunable Microwave Components and Microwave Sensors



Filesize: 3.33 MB

### Reviews

*The ebook is fantastic and great. I really could comprehended every thing out of this published e publication. You can expect to like the way the blogger write this publication.  
(Precious Farrell)*

## ARTIFICIAL TRANSMISSION LINE STRUCTURES FOR TUNABLE MICROWAVE COMPONENTS AND MICROWAVE SENSORS

[DOWNLOAD](#)

Shaker Verlag Jul 2011, 2011. Taschenbuch. Book Condition: Neu. 211x146x17 mm. Neuware - This work presents the well-directed design of artificial transmission line structures for compact tunable passive components and sensors with high sensitivity in the microwave region. Theoretic principles are derived and proof of concept realizations are designed, built and characterized in the frequency range of 1GHz to 10GHz. The shown approaches and solutions are of general type and can be applied to a wide frequency range of a few MHz up to the THz region. The main focus is the realization of tunable artificial transmission line structures in planar technology. To achieve the feature of tunability, varactor diodes as a classic discrete RF tuning element are used as well as the specific integration of varactors based on continuously tunable bulk media. For this purpose, highly anisotropic liquid crystal (LC) material and ferroelectric thick films made of Barium-Strontium-Titanate (BST) are introduced into the artificial material designs. 208 pp. Englisch.

- [Read Artificial Transmission Line Structures for Tunable Microwave Components and Microwave Sensors Online](#)
- [Download PDF Artificial Transmission Line Structures for Tunable Microwave Components and Microwave Sensors](#)

## Relevant Kindle Books



### **The 32 Stops: The Central Line**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The 32 Stops: The Central Line, Danny Dorling, Geographer Danny Dorling tells the stories of the people who live along The 32 Stops of the Central...

[Read PDF »](#)



### **Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Read PDF »](#)



### **A Good Parcel of English Soil: The Metropolitan Line**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, A Good Parcel of English Soil: The Metropolitan Line, Richard Mabey, Richard Mabey, one of Britain's leading nature writers, looks in A Good Parcel of English...

[Read PDF »](#)



### **The Mermaids and the Perfect Presents (Blue C)**

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, The Mermaids and the Perfect Presents (Blue C), Celia Warren, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins...

[Read PDF »](#)



### **Kanye West Owes Me 0: And Other True Stories from a White Rapper Who Almost Made it Big (Hardback)**

Random House USA Inc, United States, 2016. Hardback. Book Condition: New. 208 x 140 mm. Language: English . Brand New Book. After the Beastie Boys and Vanilla Ice, but before Eminem, there was Hot Karl,...

[Read PDF »](#)