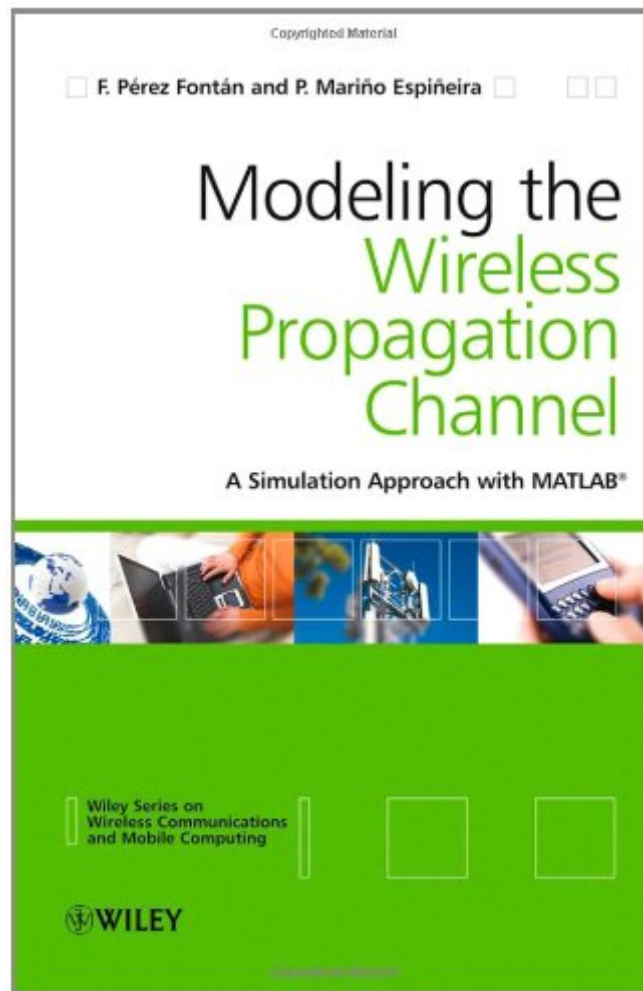


Modelling the Wireless Propagation Channel: A simulation approach with Matlab PDF



 **Download**

 **Read Online**

Modelling the Wireless Propagation Channel: A simulation approach with Matlab by Fernando Pérez Fontán, Perfecto Mariño Espiñeira ISBN 0470727853

A practical tool for propagation channel modeling with MATLAB® simulations.

Many books on wireless propagation channel provide a highly theoretical coverage, which for some interested readers, may be difficult to follow. This book takes a very practical approach by introducing the theory in each chapter first, and then carrying out simulations showing how exactly put the theory into practice. The resulting plots are analyzed and commented for clarity, and conclusions are drawn and explained from the obtained results.

Key features include:

- A unique approach to propagation channel modeling with accompanying MATLAB® simulations to demonstrate the theory in practice
- Contains step by step commentary and analysis of the obtained simulation results in order to provide a comprehensive and structured learning tool
- Covers a wide range of topics including shadowing effects, coverage and interference, Multipath Narrowband channel, Multipath Wideband channel, propagation in micro and pico-cells, the land mobile satellite (LMS) channel, the directional Multipath channel and MIMO and propagation effects in fixed radio links (terrestrial and satellite)
- The book comes with an accompanying website that contains the MATLAB® simulations and allows readers to try them out themselves
- Well suited for lab-use, as reference and as a self-learning tool both for advanced students and professionals

Modeling the Wireless Propagation Channel: A simulation approach with MATLAB® will be best suited for postgraduate (Masters and PhD) students and practicing engineers in telecommunications and electrical engineering fields, who are seeking to familiarise themselves with the topic without too many formulas. The book will also be of interest to network engineers, system engineers and researchers

Modelling the Wireless Propagation Channel: A simulation approach with Matlab Review

This Modelling the Wireless Propagation Channel: A simulation approach with Matlab book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Modelling the Wireless Propagation Channel: A simulation approach with Matlab without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Modelling the Wireless Propagation Channel: A simulation approach with Matlab can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Modelling the Wireless Propagation Channel: A simulation approach with Matlab having great arrangement in word and layout, so you will not really feel uninterested in reading.