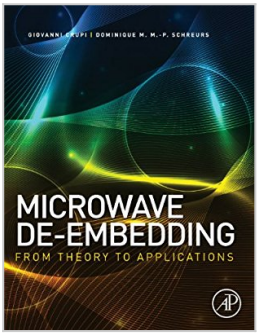

Microwave De-embedding: From Theory to Applications

From Academic Press

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This groundbreaking book is the first to give an introduction to microwave de-embedding, showing how it is the cornerstone for waveform engineering. The authors of each chapter clearly explain the theoretical concepts, providing a foundation that supports linear and non-linear measurements, modelling and circuit design. Recent developments and future trends in the field are covered throughout, including successful strategies for low-noise and power amplifier design. This book is a must-have for those wishing to understand the full potential of the microwave de-embedding concept to achieve successful results in the areas of measurements, modelling, and design at high frequencies.

With this book you will learn:

The recent advances and future trends in the field of high-frequency de-embedding About the Author Giovanni Crupi is a tenure track assistant professor at the University of Messina, Italy, where he teaches microwave electronics, laboratory of wireless technologies, bioengineering, and optoelectronics. Since 2005, he has been a repeat visiting scientist with KU Leuven and IMEC, Leuven, Belgium. Giovanni's main research interests include small and large signal modeling of advanced microwave devices. He is a member of the Technical Programme Committee of the IEEE INMMiC and TELSIKS conferences and serves as an associate editor of International Journal of Numerical Modelling: Electronic Networks, Devices and Fields. Giovanni is the chair of the IEEE Microwave Theory and Techniques Society (MTT-S) Fellowship program.

Dominique Schreurs is a full professor at KU Leuven, Leuven, Belgium. Previously, she has been a visiting scientist at Agilent Technologies (USA), Eidgenössische Technische Hochschule Zürich (Switzerland), and the National Institute of Standards and Technology (USA). Dominique's main research interests concern linear and nonlinear characterization and modeling of microwave devices and circuits, as well as linear and nonlinear hybrid and integrated circuit design for telecommunications and biomedical applications. She is the technical chair of ARFTG and serves as the editor of the IEEE Transactions on Microwave Theory and Techniques. Users Review**From reader reviews:**

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