



# Fundamentals of Nonlinear Behavioral Modeling for RF and Microwave Design

By John Wood, Root

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Nonlinear behavioral modeling is a powerful, interdisciplinary design activity that today's RF (radio frequency) and microwave engineers need to understand, because it offers a highly effective way to simulate and verify complex circuits and systems. A revised collection of groundbreaking presentations made at a recent IMS (International Microwave Symposium) workshop, this cutting-edge resource provides a comprehensive treatment of behavioral modeling from renowned experts in the field. Moreover, it presents state-of-the-art applications of behavioral modeling to RF and microwave circuit and system design. Essential reading for engineers and designers in the field, the book delivers practical, hands-on techniques that professionals can use immediately on their current projects.

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#### About the Author

John Wood works in the Modeling and Design Tools Group at the Worldwide Process and Technology Centers of Agilent Technologies. He holds a B.Sc. and Ph.D. in electrical and electronic engineering from the University of Leeds.

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