



Simulation-Driven Design Optimization And Modeling For Microwave Engineering

Author :Slawomir Koziel / **Category** :Technology & Engineering / **Total Pages** : 501 pages

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Summary : Free simulation-driven design optimization and modeling for microwave engineering pdf download - on the other hand various interactions between microwave devices and their environment such as feeding structures and housing must be taken into account and this is only possible through full-wave em analysis electromagnetic simulations can be highly accurate but they tend to be computationally expensive therefore practical design optimization methods have to be computationally efficient so that the number of cpu-intensive high-fidelity em simulations is reduced as much as possible during the design process for the same reasons techniques for creating fast yet accurate models of microwave structures become crucially important in this edited book the authors strive to review the state-of-the-art simulation-driven microwave design optimization and modeling a group of international experts specialized in various aspects of microwave computer-aided design summarize and review a wide range of the latest developments and real-world applications

Pusblisher : World Scientific on 2013 / **ISBN** : 9781848169173

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