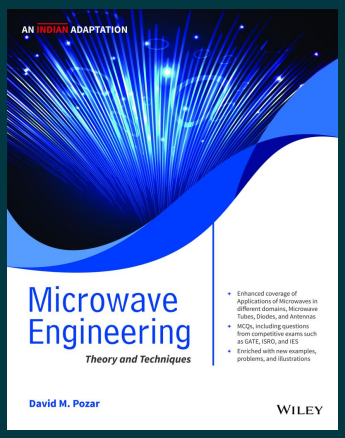
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Microwave Engineering: Theory and Techniques, 4ed, An Indian Adaptation

By David M. Pozar

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Description

Microwave Engineering: Theory and Techniques is a self-sustaining literature for an undergraduate as

well as a graduate program on the principles of microwave engineering. The book provides a comprehensive discourse of the fundamentals of the subject and design principles as applied to modern RF and microwave engineering. Starting with the fundamental principles of electromagnetic theory, the book goes on to cover microwave network analysis, impedance matching, directional couplers and hybrids, microwave filters, ferrite devices, noise, nonlinear effects, and the design of microwave oscillators, amplifiers, and mixers. Material on microwave and RF systems includes wireless communication, radar, radiometry, and radiation hazards.

About the Author

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David Pozar is professor of Electrical and Computer Engineering at University of Massachusetts, Amherst. He has received numerous awards both for his teaching and for his research

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