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**Sinopsis**

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A comprehensive guide to the latest in phased array antenna analysis and design--the Floquet modal based approach

This comprehensive book offers an extensive presentation of a new methodology for phased array antenna analysis based on Floquet modal expansion. Engineers, researchers, and advanced graduate students involved in phased array antenna technology will find this systematic presentation an invaluable reference.

Elaborating from fundamental principles, the author presents an in-depth treatment of the Floquet modal based approach. Detailed derivations of theorems and concepts are provided, making Phased Array Antennas a self-contained work. Each chapter is followed by several practice problems. In addition, numerous design examples and guidelines will be found highly useful by those engaged in the practical application of this new approach to phased array structures.