Phased Array Antenna Analysis (Computational Electromagnetics (Paperback)

By D T McGraith

Wexford College Press, United States, 2007. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Phased Array Antenna Analysis using Finite Element Methods (FEM) - Computational Electromagnetics. Chapter titles are .(1) Introduction and Background .(2) Solution Overview .(3) Interior Region Problem - Finite Element Formulation .(4) Waveguide Continuity Conditions .(5) Periodic Radiation Condition .(6) Periodic Boundary Condition .(7) Validation - RF Device Problem .(8) Validation - Cavity Array Problem .(9) Validation - General Array Problem .(10) Conclusions and Recommendations .(11) Appendix A: The Electric Field Functional . (12) Appendix B: Waveguide Mode Functtion Inner Products .(13) Appendix uThe Periodic Integral Equation .(14) Appendix D: Periodic Boundary Conditions for the Finite Element Problem.

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