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Nota di contenuto	Machine generated contents note: 1.1.Analytical and Numerical Analysis of Coaxial Slot Radiators -- 1.2.Wave Theory of Coaxial Radiators -- 1.2.1.The Propagation Wave in the Coaxial Line ( $z \leq 0$ Region) -- 1.2.2.The Scattering Wave from Coaxial Radiators ( $z > 0$ Region) -- 1.3.The Relationship Between Circuit Theory and Wave Theory -- 1.3.1.The Equivalent Circuit in the Coaxial Line ( $z > 0$ Region) -- References -- Selected Bibliography -- 2.1.Theoretical Background -- 2.2.Equivalent Lumped-Element Circuits Modeling -- 2.3. Admittance Modeling -- 2.3.1.Admittance Integral Modeling -- 2.3.2. Series Admittance Solutions -- 2.4.Rational Expression Modeling -- References -- Selected Bibliography -- 3.1.Boundary-Matching Method Modeling -- 3.1.1.Reflection in a Stratified Medium -- 3.1.2.Integral Admittance Model -- 3.1.3.Integral Admittance Models (Practical Cases) -- 3.2.Image Method Modeling -- 3.3.Semi-Empirical Closed-Form Modeling -- 3.3.1.Total Capacitance CT in the Finite-Layer Medium -- 3.3.2.Effective Complex Relative Permittivity, $\epsilon_{eff}$ -- 3.3.3.Empirical Admittance Model of a Finite-Thickness Sample -- References -- Selected Bibliography -- 4.1.Theoretical Background -- 4.1.1.Current Distribution on Dipole and Monopole -- 4.1.2.Pocklington's Equation -- 4.1.3.Hallen's Equation -- 4.2.Induced Electromagnetic Field (EMF) Modeling -- 4.3.End Correction for a Monopole Driven from a Coaxial Line -- 4.4.Equivalent Lumped-Element Circuits Modeling -- 4.4.1. Equivalent Circuits Modeling (in Free Space) -- 4.4.2.Equivalent Circuits Modeling (in Dielectric Medium) -- 4.5.Mutual Impedance -- 4.5.1.

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