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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.

Two-Element Array -- 4.5.2. Arrays of Three or More Elements --  
References -- Selected Bibliography -- 5.1. Theoretical Background --  
5.2. Transmission-Line Impedance Modeling -- 5.2.1. Propagation  
Constant  $k_L$  and Characteristic Impedance  $Z_C$  -- 5.2.2. Characteristic  
Impedance  $Z_c$  -- 5.2.3. Input Impedance  $Z_{IN}$  at the Driving Point -- 5.3.  
Integral Electric Field Modeling -- 5.3.1. Electromagnetic Fields in a  
Dielectric-Coated Layer (Region 2) -- 5.3.2. Electromagnetic Fields in a  
Dissipative Medium (Region 3) -- 5.3.3. Near-Field and Far-Field  
Integral Formulations -- 5.4. Equivalent Lumped-Element Circuit  
Modeling -- 5.5. Modified Dielectric-Coated Monopole -- References --  
Selected Bibliography -- 6.1. Summary of MoM Computation Steps for  
Electrostatic Cases -- 6.1.1. Electrostatic Cases -- 6.1.2. Open-Ended  
Coaxial Probe -- 6.1.3. Dipole -- 6.2. Summary of MoM Computation  
Steps for Electrodynamics Cases -- 6.2.1. Electrodynamics Cases --  
6.2.2. Open-Ended Coaxial Probe: Governing Equations -- 6.2.3. Dipole:  
Governing Equations -- 6.2.4. Open-Ended Coaxial Probe: Final  
Interpretation -- 6.2.5. Dipole: Final Interpretation -- 6.3. Mathematical  
Background of MoM -- 6.3.1. Point-Matching Method -- 6.4. Summary  
of Three Kinds of Basis Functions  $F_n(z)$  -- 6.4.1. Piecewise Uniform  
Functions (Rectangular Pulse Functions) -- 6.4.2. Piecewise Linear  
Functions (Linear Triangular Functions) -- 6.4.3. Piecewise Sinusoidal  
Functions -- 6.4.4. Galerkin's Method in Basis Functions -- 6.5. Example  
of Galerkin's MoM Computation -- 6.5.1. Galerkin's Method with  
Piecewise Sinusoidal Functions -- 6.6. Open-Ended Coaxial Probe --  
6.6.1. Nevels's Equation, Piecewise Uniform Function, and Point-  
Matching Method -- 6.6.2. Radial Electric Field,  $E_\rho$ , Azimuth Magnetic  
Field,  $H_\phi$ , and Input Admittance,  $Y_{in}$ , Interpretations -- 6.7. Center-Fed  
Dipole -- 6.7.1. Pocklington's Equation (Richmond's Expression),  
Piecewise Uniform Function, Magnetic Frill Sources, and Point-Matching  
Method -- 6.7.2. Input Impedance  $Z_{in}$  -- 6.7.3. Far Electric Field  $E_\theta$  --  
6.7.4. Hallen's Equation, Piecewise Uniform Function, and Point-  
Matching Method -- 6.7.5. Richmond's Method of Moments, Sinusoidal  
Pulse Functions, Delta-Gap Sources, and Galerkin's Method -- 6.8.  
Dielectric-Coated Dipole -- 6.9. Dipole Array -- References -- Selected  
Bibliography -- 7.1. Mathematical Background of the FDTD -- 7.1.1.  
Yee's Algorithm -- 7.1.2. MATLAB Codes for 1-D FDTD -- 7.2. Center-  
Fed Dipole -- 7.2.1. 3-D FDTD Subcell Model -- 7.2.2. Improvement of  
the 3-D FDTD Subcell Model -- 7.2.3. Excitation Source -- 7.2.4.  
Boundary Conditions for 3-D FDTD -- 7.2.5. Postprocessing -- 7.2.6.  
MATLAB Codes for the 3-D Subcell FDTD -- 7.3. Monopole Driven from  
a Coaxial Line and an Open-Ended Coaxial Probe -- 7.3.1. 1-D Coaxial  
Transmission-Line Feed Model -- 7.3.2. 2-D FDTD Subcell Model --  
7.3.3. Boundary Conditions for the 2-D FDTD -- 7.4. Dielectric-Coated  
Dipole and Monopole -- 7.5. Heat Transfer from Dipole and Monopole  
-- References -- Selected Bibliography -- 8.1. Basic RF System to  
Measure the Reflection Coefficient -- 8.1.1. Time-Domain  
Reflectometry -- 8.1.2. Frequency-Domain Reflectometry -- 8.1.3.  
Operating Frequency -- 8.1.4. Commercial Test Instruments -- 8.2.  
One-Port Calibration -- 8.2.1. Principles of One-Port Calibration --  
8.2.2. Three-Standard Calibration -- 8.2.3. Alternative Three-Standard  
Calibration -- 8.2.4. One-Standard Calibration -- 8.2.5. De-Embedding  
Without Any Standard Value -- 8.3. Coaxial Radiator Performance  
Measurements -- 8.4. Dielectric Measurements Using Coaxial Radiators  
-- 8.5. Leaky Coaxial Cable Characteristics Measurements -- 8.5.1.  
Design Rules of Leaky Cable -- 8.5.2. Insertion Loss and Coupling Loss  
Measurements -- References -- Selected Bibliography -- 9.1.  
Communication Applications -- 9.1.1. Frequency-Independent  
Antennas: Log-Periodic Antennas -- 9.1.2. Sleeve Monopole Antennas

-- 9.1.3. Conical Monopole Antennas -- 9.1.4. Disk-Loaded Monopole Antennas -- 9.1.5. Helical Monopole Antennas -- 9.1.6. Insulated Monopole Antennas -- 9.1.7. Dielectric Resonator Monopole Antennas -- 9.1.8. Negative Dielectric Resonator Monopole Antennas -- 9.1.9. Leaky Coaxial Cables -- 9.2. Health and Biomedical Applications -- 9.2.1. Dielectric Database for SAR Evaluation in Human Heads and Hyperthermia Treatment Simulation -- 9.2.2. Hyperthermia Applicators -- 9.2.3. Abnormal Tissues Detector -- 9.3. Agriculture and Food Processing -- 9.3.1. Soil Moisture Monitoring -- 9.3.2. Rubber Latex Quality Measurements -- 9.3.3. Oil Palm Fruit Ripeness Detector -- 9.3.4. Palm Oil Quality Monitoring -- 9.3.5. Rice Grain Moisture and Broken Rate Measurements -- 9.3.6. Fruit Sweetness Detector -- 9.4. Industrial and Scientific Materials Processing -- 9.4.1. Metal Crack Detector -- 9.4.2. Electric Field and Magnetic Field Probes -- References -- Selected Bibliography.

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