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Impedance/admittance transformation in multilayered structures; 2.3.5
System equation in transformed domain; 2.3.6 System equation in
spatial domain; 2.3.7 Matrix partition technique: two examples; 2.3.8
Numerical results; 2.4 ANALYSIS OF PLANAR CIRCUITS
2.4.1 Discretisation of the transmission line equations 2.4.2
Determination of the field components; 2.5 FIELD AND
IMPEDANCE/ADMITTANCE TRANSFORMATION; 2.5.1 Introduction; 2.5.2
Impedance/admittance transformation in multilayered and
multisectioned structures; 2.5.3 Impedance/admittance transformation
with finite differences; 2.5.4 Stable field transformation through layers
and sections; 3 ANALYSIS OF RECTANGULAR WAVEGUIDE CIRCUITS; 3.1
INTRODUCTION; 3.2 CONCATENATIONS OF WAVEGUIDE SECTIONS;
3.2.1 LSM and LSE modes in circular waveguide bends; 3.2.2 LSM and
LSE modes in straight waveguides
3.2.3 Impedance transformation at waveguide interfaces 3.2.4
Numerical results for concatenations; 3.2.5 Numerical results for
waveguide filters; 3.3 WAVEGUIDE JUNCTIONS; 3.3.1 E-plane junctions;
3.3.2 H-plane junctions; 3.3.3 Algorithm for generalised scattering
parameters; 3.3.4 Special junctions: E-plane 3-port junction; 3.3.5
Matched E-plane bend; 3.3.6 Analysis of waveguide bend
discontinuities; 3.3.7 Scattering parameters; 3.3.8 Numerical results;
3.4 ANALYSIS OF 3D WAVEGUIDE JUNCTIONS; 3.4.1 General description;
3.4.2 Basic equations
3.4.3 Discretisation scheme for propagation between A and B 3.4.4
Discontinuities; 3.4.5 Coupling to other ports; 3.4.6
Impedance/admittance transformation; 3.4.7 Numerical results; 4
ANALYSIS OF WAVEGUIDE STRUCTURES IN CYLINDRICAL COORDINATES;
4.1 INTRODUCTION; 4.2 GENERALISED TRANSMISSION LINE (GTL)
EQUATIONS; 4.2.1 Material parameters in a cylindrical coordinate
system; 4.2.2 GTL equations for z-direction; 4.2.3 GTL equations for
-direction; 4.2.4 Analysis of circular (coaxial) waveguides with
azimuthally-magnetised ferrites and azimuthally magnetised solid
plasma
4.2.5 GTL equations for r-direction

Sommario/riassunto

The Method of Lines (MOL) is a versatile approach to obtaining numerical solutions to partial differential equations (PDEs) as they appear in dynamic and static problems. This method, popular in science and engineering, essentially reduces PDEs to a set of ordinary differential equations that can be integrated using standard numerical integration methods. Its significant advantage is that the analysis algorithms follow the physical wave propagation and are therefore efficient. This is because the fields on the discretisation lines are described by generalised transmission line (GTL) equations.
