# Abstracts

## Analysis and Design of Slow-Wave Structures Using an Integral Equation Approach

An integral equation formulation which yields dispersion characteristics for planar transmission lines on layered, lossy substrates is presented. Galerkin's procedure in the space domain is used and roots of the resulting characteristic equation provide the desired phase and attenuation constants. Numerical results are compared to those found in the literature for the MIS slow-wave structure.

❏ Return to main document.

Click on title for a complete paper.