Abstracts

A Variational Expression for the Scattering Matrix of a Double-Step Discontinuity in a Coaxial Line and its Application to a TEM Cell

A variational expression for the scattering matrix of a double-step discontinuity in a two-mode coaxial transmission line is obtained and generalized to the case of a multimode coaxial transmission fine. The result is used to analyze the transmission characteristics of a two-mode coaxial TEM cell.

❑ Return to main document.