Upper and Lower Bounds on the Characteristic Impedance of TEM-Mode Transmission Lines with Curved Boundaries (Correspondence)

Finite difference techniques for the treatment of two-dimensional potential problems are extended to include the case of zero normal-gradient specified on curved conductors. A solution for the conjugate potential problem for configurations involving curved boundaries is then possible. The application to TEM-mode problems permits upper and lower bounds to be calculated for characteristic impedance.

❑ Return to main document.