Abstracts

Some New Results on Coupled or Meander Microstrip Lines by Application of a Matrix Theory

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Knowing the elements of capacitance matrices for coupled microstrip lines, we are able to obtain the characteristics of coupled or meander lines by application of a matrix theory. The elements of the capacitances matrices previously computed from geometrical dimensions of the lines can now be obtained directly by analytical formulas in a large domain of values of omega, s, h and epsilon/sub r/.

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