

Abstracts

A New Method for Solving Potential Problems which Contain Straight or Curved Strip Conductors

S. Murashima and H. Nieda. "A New Method for Solving Potential Problems which Contain Straight or Curved Strip Conductors." 1983 MTT-S International Microwave Symposium Digest 83.1 (1983 [MWSYM]): 239-241.

A new method for analyzing micro strip transmission lines is presented. This method uses the superposition of Green's function on a Riemann surface and developed from research into the Charge Simulation Method. By using this method, we can accurately calculate the potential field around straight or curved strip conductors which are essential in microwave transmission lines.

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