

Session II:

Field Theory of Integrated Circuit Discontinuities

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These papers show the wide variety of discontinuities that can be analyzed using today's techniques. Coplanar waveguide structures are considered and the results are compared with experiment. Planar components are characterized in the time domain by theory and experiment. New rigorous examinational microstrip tees and crosses will be presented. The session closes with papers considering the effects of transverse currents in microstrip and a new asymptotic boundary condition.

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10:00 a.m.–11:30 a.m., Thursday, May 10, 1990
W101