Session Y

Field Theoretic CAD

Chairman:

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Field theoretic techniques are now used extensively in microwave CAD. This session consists of seven interesting papers in this area. The first three papers deal with advances in differential equation based finite-element and finite-difference methods. These are followed by a paper on gridding and cell-cell interactions in method of moments. Modeling of MMIC overlay capacitors based on em simulation, is presented in one of the papers. The session concludes with two papers on applications of field theoretic methods to broadwall aperture couplers and L-shaped iris coupled mode launcheers and dual mode filters.

1:30 p.m.–3:00 p.m., Wednesday, June 16, 1993
Room 216/217