

Abstracts

A Sensitivity Figure for Yield Improvement

J.E. Purviance and M.D. Meehan. "A Sensitivity Figure for Yield Improvement." 1988 Transactions on Microwave Theory and Techniques 36.2 (Feb. 1988 [T-MTT] (Special Issue on Computer-Aided Design)): 413-417.

A new network sensitivity figure for use in gradient-type optimizers which accounts for random parameter variations encountered during manufacturing is presented. The difference between conventional sensitivity descriptions and the new sensitivity figure is analyzed and explained. Two examples are presented where yield improvement is obtained using the new sensitivity figure in a gradient-type optimizer.

 [Return to main document.](#)