

Efficient numerical method for the design of microwave active circuits

E. Kerherve and P. Jarry. "Efficient numerical method for the design of microwave active circuits." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1611-1614.

The real frequency technique with the Marquardt-More optimization algorithm is probably one of the best microwave active circuit synthesis methods available for the design of amplifiers and active filters. This numerical approach was introduced to overcome the limitations of the analytical methods, when applied to the single or double matching problem.

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