

A CAD Solution to the Generalized Problem of Noise Figure Calculation

V. Rizzoli and A. Lipparini. "A CAD Solution to the Generalized Problem of Noise Figure Calculation." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 699-702.

The paper describes a new algorithm for computing the noise figure of a linear two-port network of arbitrary topology. The discussion is oriented towards CAD applications, making the approach easy to be implemented into any existing general-purpose analysis and/or design program. A few sample results are compared with measured data drawn from the technical literature.

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