

Abstracts

Exact Synthesis of Interstage Matching Networks for Broadband Microwave GaAs FET Amplifiers

W.H. Kut. "Exact Synthesis of Interstage Matching Networks for Broadband Microwave GaAs FET Amplifiers." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 312-316.

The exact synthesis of distributed interstage matching networks for broadband microwave GaAs FET amplifiers is presented. The results presented are based on distributed models of the FET and the design is exact for both maximally-flat and equiripple tapered-magnitude gain characteristics with arbitrary gain slopes.

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