

Abstracts

New Design Method for the Distributed Amplifier

W. Wu, Q. Yang and T. Li. "New Design Method for the Distributed Amplifier." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 301-304.

The inherent relations between the microwave distributed amplifier and the FIR (Finite Impulse Response) digital filter are determined by the digital signal processing theory. In accordance with the relations, the distributed amplifier can be designed in time domain and the window function technique can be introduced into the design method. In addition, the design example is offered to demonstrate that the design method is simple and effective.

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