

Abstracts

Advanced Node Formulations in TLM - The Adaptable Symmetrical Condensed Node (ASCN)

V. Trenkic, C. Christopoulos and T.M. Benson. "Advanced Node Formulations in TLM - The Adaptable Symmetrical Condensed Node (ASCN)." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 431-434.

The paper describes the development of the adaptable symmetrical condensed TLM node (ASCN). The node exploits the opposing contributions to dispersion of stubs and link lines to minimize numerical errors. It is shown that this approach is effective and can be used to optimize nodal properties according to problem requirements.

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