

Abstracts

A partitioning approach to large scale electromagnetic problems applied to an array of microstrip coupled slot antennas

M.N. Abdulla and M.B. Steer. "A partitioning approach to large scale electromagnetic problems applied to an array of microstrip coupled slot antennas." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1783-1786.

An electromagnetic modeling procedure for electrically large microwave and millimeter-wave systems with circuit-field interactions is presented. The concept of an electromagnetic terminal is introduced to interface separate electromagnetic models of the blocks in a partitioned network.

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