Abstracts

An interface for the FDTD diakoptics

T. Shibata and M. Tomizawa. "An interface for the FDTD diakoptics." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 473-476.

A new formulation of the TLM type (or the directional wave type) interface for the FDTD diakoptics is proposed. The interface is implemented in the FDTD algorithm using the concept of the impedance boundary condition incorporated with a signal source model without adopting the absorbing boundary condition. Thus efficient and rigorous analyses are accomplished.

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