Abstracts

A New Finite-Difference Time-Domain Formulation and its Equivalence with the TLM Symmetrical Condensed Node (Comments and Authors' Reply)

M. Celuch-Marcysiak, W.K. Gwarek, Z. Chen, M.M. Ney and W.J.R. Hoefer. "A New Finite-Difference Time-Domain Formulation and its Equivalence with the TLM Symmetrical Condensed Node (Comments and Authors' Reply)." 1993 Transactions on Microwave Theory and Techniques 41.1 (Jan. 1993 [T-MTT]): 168-170.

In [1] the authors present a new formulation of the finite-difference time-domain (FD-TD) method for Maxwell's equations. They compare this formulation (which we shall call "New FD-TD") with other existing FD-TD and TLM algorithms. They come to conclusions which can be summarized in the following statements:

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