

# Abstracts

## A Pair of Hybrid Symmetrical Condensed TLM Nodes

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*P. Berini and K. Wu. "A Pair of Hybrid Symmetrical Condensed TLM Nodes." 1994 Microwave and Guided Wave Letters 4.7 (Jul. 1994 [MGWL]): 244-247.*

This letter reports the development of a new time-domain hybrid symmetrical condensed TLM node. The new node can accommodate a graded mesh and model lossy anisotropic media described by diagonal tensors. The generalisation of an existing hybrid node to accommodate anisotropic media is also presented. The two hybrid nodes are complementary and provide the same computational advantages over the symmetrical condensed node originally proposed by Johns.

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