

## Origin and Avoidance of Spurious Solutions in the Transverse Resonance Method

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*H. Aubert, B. Souny and H. Baudrand. "Origin and Avoidance of Spurious Solutions in the Transverse Resonance Method." 1993 Transactions on Microwave Theory and Techniques 41.3 (Mar. 1993 [T-MTT]): 450-456.*

In the context of transverse resonance method, a criterion is established for the choice of trial functions introduced in Galerkin's method: this criterion allows to avoid the appearance of spurious solutions in the whole region of a propagation diagram and guarantees, at the same time, a good precision for the true solutions.

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