

# Abstracts

## On the Restricted Validity of Point-Matching Techniques (1970 [MWSYM])

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*L. Lewin. "On the Restricted Validity of Point-Matching Techniques (1970 [MWSYM])." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 45-48.*

Numerical calculation based on point-matching of electromagnetic fields can give accurate results, but the validity of the method depends on a basic formulation involving a complete expansion set for the fields. The validity of the so-called "Rayleigh Hypothesis", which attempts to avoid this issue by an analytic continuation of expressions for the fields, is questioned.

[Return to main document.](#)