

# Abstracts

## A Source of Error in the Use of Slope Detection for Perturbation Measurements (Correspondence)

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K.B. Mallory. "A Source of Error in the Use of Slope Detection for Perturbation Measurements (Correspondence)." 1962 *Transactions on Microwave Theory and Techniques* 10.2 (Mar. 1962 [T-MTT]): 146-147.

In a typical laboratory measurement of the field-intensity distribution in a resonant cavity, the resonant frequency of the cavity is determined as a function of the position of a small metal or dielectric bead. The field distribution itself is then deduced directly from the frequency change.

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