

# Abstracts

## Unloaded Q Measurement--The Critical-Points Method (Short Papers)

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*E.-Y. Sun and S.-H. Chao. "Unloaded Q Measurement--The Critical-Points Method (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.8 (Aug. 1995 [T-MTT]): 1983-1986.*

The unloaded quality factor of resonators whether coupled magnetically or electrically, with loss or without loss, is estimated by the critical points (i.e., extreme-reactance/susceptance points) method. The critical-points method derived from this paper is a fast and accurate method for unloaded Q measurement and is suitable for general external coupling environment.

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