

# Abstracts

## Conditionally Stable Amplifier Design Using Constant $\mu$ -Contours (1996 Vol. II [MWSYM])

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*M.L. Edwards and S. Cheng. "Conditionally Stable Amplifier Design Using Constant  $\mu$ -Contours (1996 Vol. II [MWSYM])." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 863-866.*

Conditionally stable amplifiers can be an attractive design option for commercial applications where increased gain can be achieved by accepting a measured risk of instability. A procedure is presented for designing amplifier input and output matching networks which permits an a-priori, quantitative trade-off between gain and the stability parameter,  $\mu$ .

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