

Abstracts

A Robust Six- to Four- Port Reduction Algorithm

C.M. Potter and G. Hji pieris. "A Robust Six- to Four- Port Reduction Algorithm." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1263-1266.

The Six- to Four- Port Reduction technique has been enhanced in a number of ways. A more stable iteration strategy is presented, which shows improved performance in the presence of noise, and with non - ideal microwave hardware. The quality of the five Six- to Four- Port Reduction coefficients is also quantified by a new Variance technique, which allows their effect on reflection coefficient measurement accuracy to be predicted.

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