

# Abstracts

## Using an Arbitrary Six-Port Junction to Measure Complex Voltage Ratios (1975 [MWSYM])

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*C.A. Hoer and K.C. Roe. "Using an Arbitrary Six-Port Junction to Measure Complex Voltage Ratios (1975 [MWSYM])." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 98-99.*

An arbitrary six-port junction is analyzed as a microwave vector voltmeter, measuring the amplitudes and phase difference of two input signals in terms of power readings taken at the remaining four ports. The junction may be calibrated for measuring complex voltage ratios using a self-calibration procedure which requires no standards.

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