

Abstracts

Electronically Variable Chirp Signal Correlation with the Diode-Correlator

T.M. Reeder. "Electronically Variable Chirp Signal Correlation with the Diode-Correlator." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 237-239.

The application of the Diode-Correlator to electronically variable chirp signal correlation is described. Theory and experiments for this nonlinear tapped delay line device are presented which show that input chirp signal bandwidth may be arbitrarily variable up to a maximum specified by the tap sampling frequency.

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