

Abstracts

An Experimental Evaluation of Adaptive Radar (Abstract)

F.M. Staudaher. "An Experimental Evaluation of Adaptive Radar (Abstract)." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 21-21.

An experimental system to test the potential performance of a two-pulse, four-element adaptive array has been constructed, using two four-element arrays to represent the receiver function and 8 signal sources distributed in azimuth to represent clutter. Results are reported on tests which are in progress to evaluate the limitations of mutual coupling, receiver match, A/D conversion, and simulated platform motion.

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