



JOINT USE OF SUM AND DIFFERENCE CHANNELS FOR MULTIPLE RADAR TARGET DOA ESTIMATION (WedPmOR9)

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* Abstract :

This work deals with the problem of estimating the directions of arrival (DOA) of multiple radar targets present in the same range–azimuth resolution cell of a surveillance radar by joint processing the sum () and delta () channel data. The AML–RELAX estimator, previously derived by the authors, is extended to a two–channel system, and compared to the classical monopulse system.