ABSTRACT
Maneuvering targets estimation tracking algorithm plays an important role in the research areas of radar systems. When target has maneuvering situation, an adaptive procedure and maneuvering detection algorithm are developed to solve these problems. Simulations results show that this algorithm can greatly improve the tracking accuracy. Such achievement will offer a lot of contributions for the navigation systems.

Keywords: maneuvering targets'estimation; adaptive procedure; maneuvering detection algorithm

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