

The Research of Maneuvering Estimation for Radar Tracking Systems

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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

Table of Contents

封面內頁 簽名頁 授權書.....	iii	中文摘要.....	iv	英文摘要.....	v	誌謝.....	vi	目錄.....	vii	圖目錄.....	ix																																					
表目錄.....	x	第一章 緒論	1.1 研究動機.....	1	1.2 研究方法.....	2	1.3 論文章節大綱.....	3	第二章 卡門濾波器	2.1 濾波器之介紹.....	4	2.2 卡門濾波器工作模式.....	5	2.3 卡門濾波器之理論推導.....	7	2.4 卡門濾波器相關特性之探討.....	12	2.5 擴展型卡門濾波器之基本理論.....	14	第三章 變速度目標偵測與估測理論	3.1 簡介.....	18	3.2 變速度追蹤理論.....	18	3.3 變速度估測理論.....	20	第四章 適應性程序(Adaptive Procedure)	4.1 簡介.....	28	4.2 推導.....	28	4.3 對於 $b_i(k)$ 與 $a_m(k)$ 選擇之條件.....	30	4.4 適應程序之流程與歸納.....	30	第五章 電腦模擬結果與分析	5.1 簡介.....	32	5.2 變速度單目標追蹤模擬結果.....	33	5.3 變速度雙目標追蹤模擬結果.....	38	5.4 變速度四目標追蹤模擬結果.....	43	第六章 結論.....	49	參考文獻.....	50

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