

視訊監控系統中移動物體偵測與背景更新之實作 = Implementation of moving object detection and background update for video..

薛人愷、林國祥

E-mail: 9707170@mail.dyu.edu.tw

摘要

錄影監視系統的兩個重要問題是基於背景相減法之移動物體偵測與背景更新。文中，我們開發一個基於背景相減的系統來探討這些問題。因為紋理對整體的光線改變並不敏感，我們設計一個基於紋理的移動物體偵測法。此外，我們結合紋理的背景相減法與畫面差值法，正確地更新背景甚至於在光線不斷改變的狀況下。基於實驗結果，我們所提的系統不只可以取得移動物體，而且可以不斷的更新背景。將來，我們將致力於降低系統的計算複雜度並且討論目標追蹤的問題。

關鍵詞：移動物體;紋理;背景更新;監視系統

目錄

封面內頁 簽名頁 授權書 中文摘要 ABSTRACT 誌謝 目錄 圖目錄 表目錄 第一章 緒論 1.1 前言 1.2 研究動機與目的 1.3 論文架構 第二章 文獻回顧 2.1 移動物體偵測法 2.11 背景相減法 2.12 時間差值法 2.13 移動邊緣偵測法 2.14 移動目標平移法 2.15 光流偵測法 2.16 彩度亮度差異法 2.2 紋理偵測法 2.21 PISC 2.22 PTESC 2.23 RRC 2.24 BP-RRC 2.25 其他方法 2.3 先前的背景更新法 2.31 滑動視窗法 2.32 統計法 2.33 改變偵測背景更新法 第三章 本論文的系統 3.1 影像輸入 3.2 RGB三色分離 3.3 彩色轉灰階 3.4 影像縮小 3.5 亮度偵測 3.6 移動物體偵測 3.7 背景更新程序 3.8 狀態選擇器 3.9 後處理階段 3.10 形態學 3.11 相連區域標記法 3.12 計算物件面積 3.13 找出最大面積物件 3.14 消除雜訊點 3.15 框出移動物體 3.16 計算移動物體質心 第四章 TP-RRC移動物體偵測法 4.1 本文所提出之移動物體偵測法TP-RRC 4.2 紋理特性之擷取 4.3 門檻值之計算 4.4 十字平均法 4.5 後處理 4.6 快速 TP-RRC移動物體偵測法 第五章 本論文之背景更新模組 5.1 改變偵測背景更新器之改良 5.2 紋理偵測法與改變偵測背景更新模組之結合 5.3 亮度計算 5.4 偵測亮度改變 5.5 兩度改變的狀態 5.6 偵測亮度再次改變 5.7 光線狀態之判定 5.8 非前景像素更新法中移動物體遮蔽背景的問題 5.9 非前景像素更新法中遮蔽區域的改善 5.10 標記遮住區域 5.11 不確定區域修補法 5.12 後續的修補機制規則 5.13 狀況選擇器選擇背景更新模組 5.14 狀況選擇器選擇移動物體偵測 第六章 實驗結果 6.1 網路攝影機之簡介 6.2 影像輸入 6.21 VFW 標準函數庫介紹 6.22 各模組詳細功能 6.23 視訊擷取功能 6.24 視訊擷取軟體之架構 6.25 開發視訊擷取程式之步驟 6.3 背景相減門檻值102 6.4 紋理相減法之門檻值105 6.5 紋理偵測移動物體實驗106 6.6 十字平均法實驗112 6.7 後處理實驗115 6.8 快速TP-RRC實驗116 6.9 紋理法之前景、背景分界門檻實驗 6.10 快速TPRRC宇BPRRC 速度比較 6.11 改良後的改變偵測背景模型 6.12 本論文之背景更新實驗 第七章 結論 參考文獻

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