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..

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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

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