

區域為基礎之階層式視差估測技術

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摘要

本論文提出一個區域為基礎之階層式視差估計法則。此視差估計法則包含三個部份：階層式結構、區域為基礎的視差估計與視差修補。階層式結構包含色彩轉換、邊緣偵測與次取樣。為了估計視差值，本論文基於正規化交互相關函數，顏色特徵和空間特徵設計一個成本函數。並後續取得高解析的視差圖。為了獲得遮蔽區域內之視差值與修補outlier，本論文提出一個視差修正法則。根據實驗結果，本論文提出之視差估計法則可以有效獲得視差值。

關鍵詞：立體匹配、視差估計、區域為基礎、階層式

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