

## [MOTION ESTIMATION FOR VIDEO CODING%0A](#)



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motion vectors, where conventional sub-pixel interpolation motion estimation algorithms used in video coding are too complex and time consuming. The proposed algorithm is a combination of block matching algorithms and simplified optical flow, which

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24 Kalman Filtering Based Motion Estimation for Video Coding Assist. Prof. Nai-Chung Yang<sup>1</sup>, Prof. Chaur Heh Hsieh<sup>2</sup> and Prof. Chung Ming Kuo<sup>1</sup> <sup>1</sup>Dept. of information Engineering, I-Shou University

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