International Journal of Electronics and Communication Engineering (IJECE)
ISSN(P): 2278-9901; ISSN(E): 2278-991X
Vol. 5, Issue 3, Mar - Apr 2016, 1-10

International Academy of Science, Engineering and Technology
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INTER-INTRA FRAME CODING IN MOTION PICTURE COMPENSATION USING NEW WAVELET BI-ORTHOGONAL COEFFICIENTS

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ABSTRACT

Video compression has become one of the basic technologies of the multimedia age. In many applications, such as the design of multimedia workstations and high quality transmission and storage, the goal is to achieve transparent coding of Image and video at the lowest possible data rates. In other words, bandwidth cost money, therefore, the transmission and storage of information becomes costly. However, if we can use less data, both transmission and storage become cheaper. In this paper two techniques are used together to achieve high compression rate. In video frames, seam curving technique is used as Intra frame coding and DWT is used as Inter frame coding. Both Inter-Intra frame coding are used to achieve desired result.

KEYWORDS: Video Compression, Inter Frame Coding, Intra Frame Coding, Seam Curving, DWT, SPHI