OPTIMIZATION OF LOW-DELAY WAVELET VIDEO CODECS

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Abstract : The paper deals with lifting implementations of the motion-compensated temporal filter banks in the (t+2D) wavelet codecs. The paper is focused on the problem of optimum setup of the analysis and synthesis filters with the maximum coding efficiency possible for a given delay constrain. Systematic exhaustive experiments have been performed in order to find optimum setup as well as coding efficiency for a given delay constrain.