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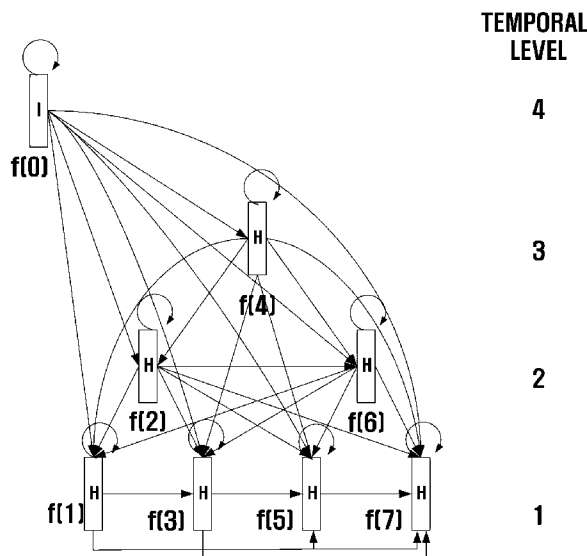
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(54) Title: METHOD AND APPARATUS FOR SCALABLE VIDEO ENCODING AND DECODING



(57) Abstract: A method and apparatus for scalable video and decoding are provided. A method for video coding includes eliminating temporal redundancy in constrained temporal level sequence from a plurality of frames constituting a video sequence input, and generating a bit-stream by quantizing transformation coefficients obtained from the frames whose temporal redundancy has been eliminated. A video encoder for performing the encoding method includes a temporal transformation unit, a spatial transformation unit, a quantization unit, and a bit-stream generation unit. A video decoding method is in principle performed inversely to the video coding sequence, wherein decoding is performed by extracting information on encoded frames by receiving bit-streams input and interpreting them.

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