ABSTRACT

SCALABLE ENCODING AND DECODING USING MULTIPLE LAYERS

A method of processing multimedia data being associated with multiple layers is disclosed. The method may include determining a base layer residual and performing interlayer prediciton (605) to generate an enhancement layer residual if at least one of a number of non-zero coefficients of the base layer residual meets a first selected condition (610). A method of decoding a multimedia bitstream may include receiving a multimedia bitstream having a base layer and an enhancement layer and decoding the base layer to determine whether the enhancement layer should be decoded using intralayer prediction or inter layer prediciton.

Figure 6