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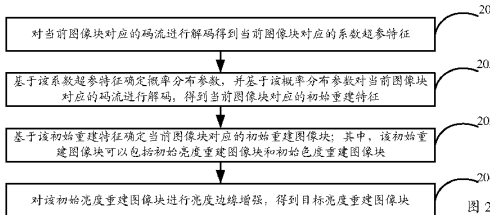
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(54) Title: DECODING METHOD AND APPARATUS, ENCODING METHOD AND APPARATUS, AND DEVICES THEREFOR

(54) 发明名称: 一种解码、编码方法、装置及其设备



201 Decode a bitstream corresponding to a current image block to obtain a coefficient hyperparameter feature corresponding to the current image block
202 On the basis of the coefficient hyperparameter feature, determine a probability distribution parameter, and on the basis of the probability distribution parameter, decode a bitstream corresponding to the current image block to obtain an initial reconstruction feature corresponding to the current image block
203 On the basis of the initial reconstruction feature, determine an initial reconstructed image block corresponding to the current image block, wherein the initial reconstructed image block comprises an initial luminance reconstructed image block and an initial chrominance reconstructed image block
204 Perform luminance edge enhancement on the initial luminance reconstructed image block to obtain a target luminance reconstructed image block

图 2

(57) Abstract: The present application provides a decoding method and apparatus, an encoding method and apparatus, and devices therefor. The decoding method comprises: decoding a bitstream corresponding to a current image block to obtain a coefficient hyperparameter feature; on the basis of the coefficient hyperparameter feature, determining a probability distribution parameter, and on the basis of the probability distribution parameter, decoding a bitstream corresponding to the current image block to obtain an initial reconstruction feature; on the basis of the initial reconstruction feature, determining an initial reconstructed image block corresponding to the current image block, wherein the initial reconstructed image block comprises an initial luminance reconstructed image block and an initial chrominance reconstructed image block; and performing luminance edge enhancement on the initial luminance reconstructed image block to obtain a target luminance reconstructed image block. The technical solution of the present application can improve encoding performance and decoding performance.

(57) 摘要: 本申请提供一种解码、编码方法、装置及其设备, 该解码方法包括: 对当前图像块对应的码流进行解码得到系数超参特征; 基于所述系数超参特征确定概率分布参数, 基于所述概率分布参数对所述当前图像块对应的码流进行解码得到初始重建特征; 基于所述初始重建特征确定所述当前图像块对应的初始重建图像块, 所述初始重建图像块包括初始亮度重建图像块和初始色度重建图像块; 对所述初始亮度重建图像块进行亮度边缘增强, 得到目标亮度重建图像块。通过本申请的技术方案, 能够提高编码性能和解码性能。

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