

COEFFICIENT CODING METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM

ABSTRACT

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Embodiments of the present disclosure provide a coefficient coding method, an encoder, a decoder, and a computer storage medium. The method includes the following. A bitstream is parsed to obtain a video flag. When the video flag indicates that a video satisfies a preset condition, the bitstream is parsed to obtain a last-significant-coefficient position-reverse flag and coordinate information of a last significant coefficient. When the last-significant-coefficient position-reverse flag indicates that a position of the last significant coefficient is reversed for a current block, the position of the last significant coefficient is determined by calculation with the coordinate information of the last significant coefficient. According to a preset scanning order, all coefficients before the position of the last significant coefficient are decoded to determine coefficients of the current block. As such, the throughput and coding speed of coefficient coding can be improved while improving compression efficiency in the video coding scenarios with high bit depth, high bitrate, high quality, or lossless compression.

20 (FIG. 9)