

ABSTRACT

Disclosed in the embodiments of the present application are a coding method, a decoding method, a code stream, a coder, a decoder, and a storage medium. The decoding method comprises: parsing a code stream to determine the value of first syntax identification information; if the first syntax identification information indicates that a current block uses a cross-component prediction export mode, parsing the code stream to determine the value of second syntax identification information; if the second syntax identification information indicates that the current block uses a cross-component prediction export fusion mode, parsing the code stream to determine at least one fusion type identification value corresponding to the current block; on the basis of the at least one fusion type identification value, determining at least one chroma prediction mode corresponding to the current block; using the at least one chroma prediction mode to perform chroma intra prediction on the current block, so as to determine at least one first predicted value; using the cross-component prediction export mode to perform chroma intra prediction on the current block, so as to determine a second predicted value; and on the basis of the at least one first predicted value and the second predicted value, determining a chroma predicted value corresponding to the current block. In this way, the prediction accuracy of a chroma fusion mode can be improved, such that the coding and decoding efficiency can be improved.

FIG. 11