

IMAGE CODING AND DECODING

ABSTRACT

The embodiments of the present application relate to the field of image coding and decoding. Provided are an image coding method and apparatus, and an image decoding method and apparatus, which ensure that users who have different permission levels at a decoding end obtain a consistent result of decoding for a low-permission-level region without increasing a transmission code stream. The method comprises: determining a prediction mode for an image block to be processed, and a permission level of the image block to be processed (S401); according to the prediction mode, determining a first reference image block of the image block to be processed (S402); and if the permission level of the first reference image block does not meet a reference condition, prohibiting determining a prediction block of the image block to be processed by using the first reference image block, or determining the prediction block of the image block to be processed by using a second reference image block, which is allowed to be exported (S403).

FIG. 4