CLAIMS

1. A prediction method in a coding or decoding, comprising:

obtaining a prediction direction;

if the prediction direction points to an upper right block of a current image block, the upper right block is unavailable, and a left side block of the current image block is available, copying a pixel value of the left side block of the current image block to a lower side block of the current image block, and obtaining a pixel value of the lower side block pointed to by reversing the prediction direction after copying; and

predicting a pixel value of the current image block according to the pixel value of the lower side block pointed to by the prediction direction in reverse extension after copying and the prediction direction.

2. The prediction method according to claim 1, wherein when the upper right block meets any one of the following conditions, the upper right block is unavailable:

the upper right block is located outside a border of an image where the current image block is located;

the upper right block is located at a different slice from the current image block; and

the upper right block has not been encoded or decoded.

3. A predictor in a coding or decoding, comprising:

a prediction direction obtaining module, configured to obtain a prediction direction;

a pixel value copying module, configured to: when the prediction direction points to an upper right block of a current image block, the upper right block is unavailable, and a left side block of the current image block is available, fill a pixel value of the left side block of the current image block to a lower side block of the current image block, and obtain a pixel value of the lower side block pointed to by reversing the prediction direction after copying; and

a predicting module, configured to predict a pixel value of the current image block according to the pixel value of the lower side block pointed to by the prediction direction in reverse extension after copying and the prediction direction.

4. The predictor according to claim 3, wherein when the upper right block meets any one of the following conditions, the upper right block is unavailable:

the upper right block is located outside a border of an image where the current image block is located;

the upper right block is located at a different slice from the current image block; and

the upper right block has not been encoded or decoded.