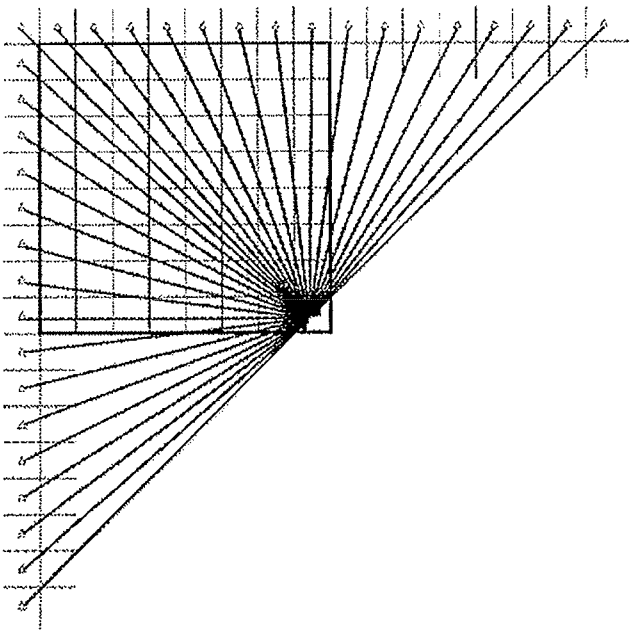


FIG. 1

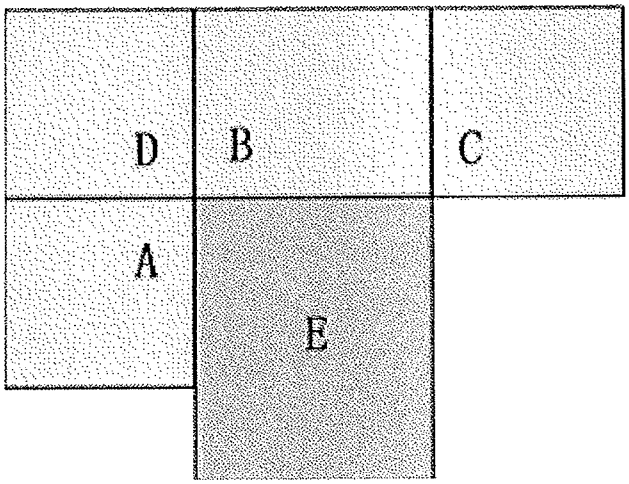


FIG. 2

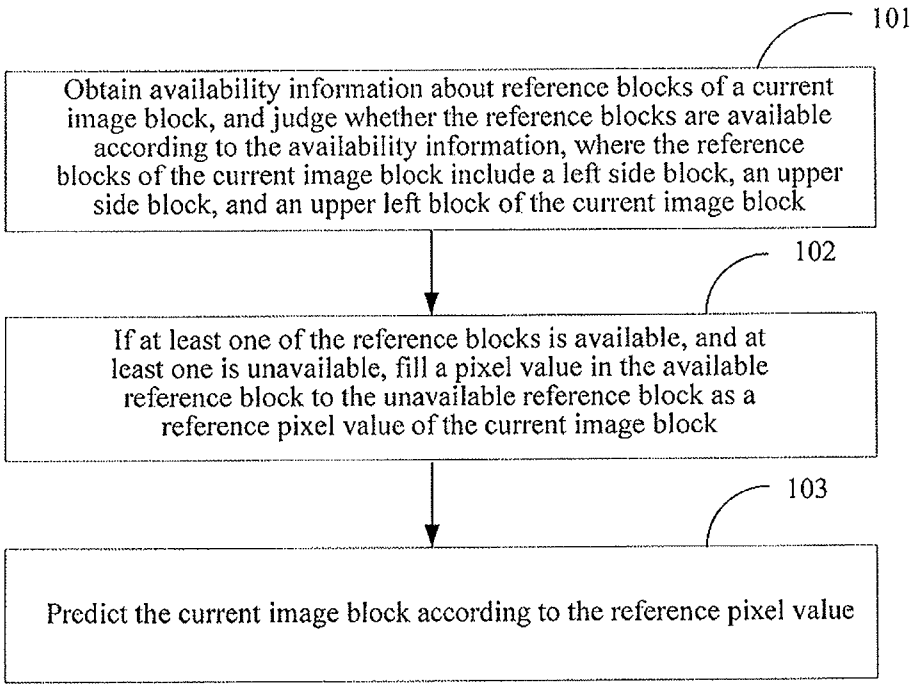

101
Obtain availability information about reference blocks of a current image block, and judge whether the reference blocks are available according to the availability information, where the reference blocks of the current image block include a left side block, an upper side block, and an upper left block of the current image block
102
If at least one of the reference blocks is available, and at least one is unavailable, fill a pixel value in the available reference block to the unavailable reference block as a reference pixel value of the current image block
103
Predict the current image block according to the reference pixel value

FIG. 3

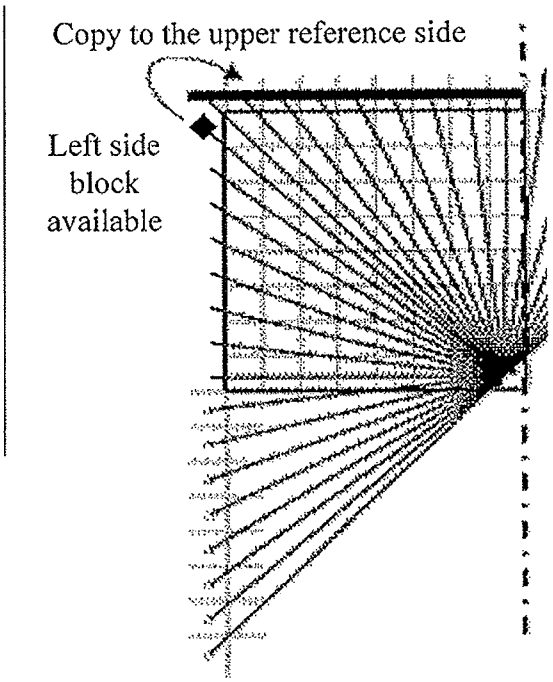

Copy to the upper reference side
Left side block available

FIG. 4

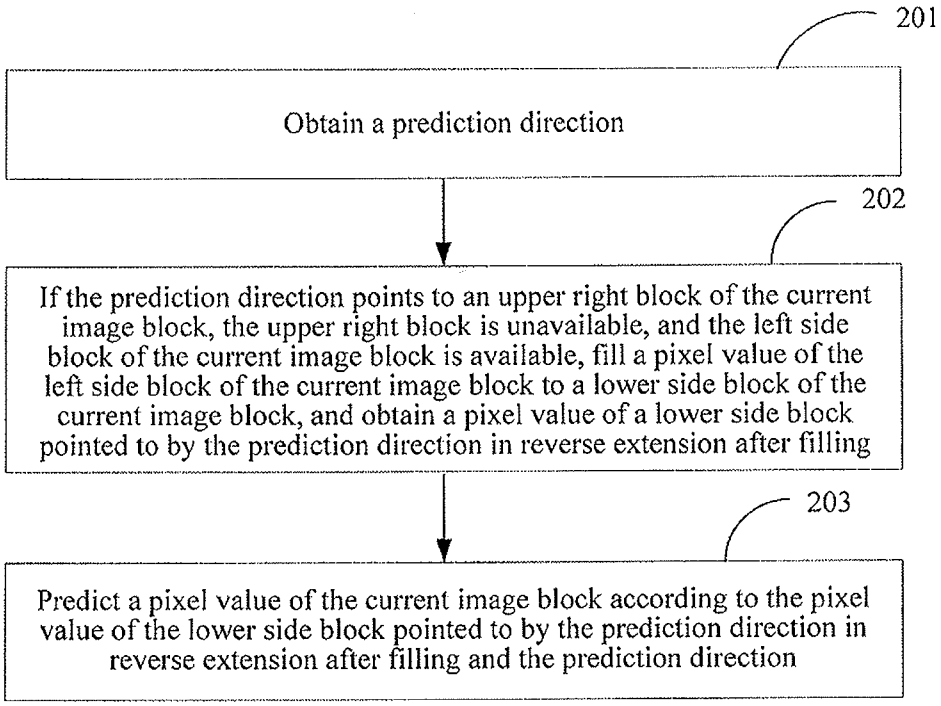

201
Obtain a prediction direction
202
If the prediction direction points to an upper right block of the current image block, the upper right block is unavailable, and the left side block of the current image block is available, fill a pixel value of the left side block of the current image block to a lower side block of the current image block, and obtain a pixel value of a lower side block pointed to by the prediction direction in reverse extension after filling
203
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 filling and the prediction direction

FIG. 5

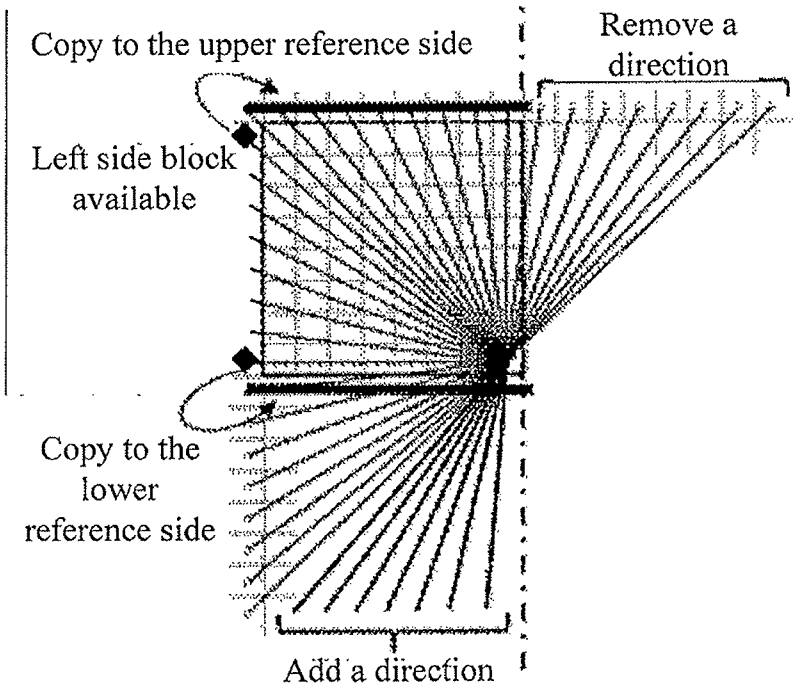

Copy to the upper reference side
Remove a direction
Left side block available
Copy to the lower reference side
Add a direction

FIG. 6

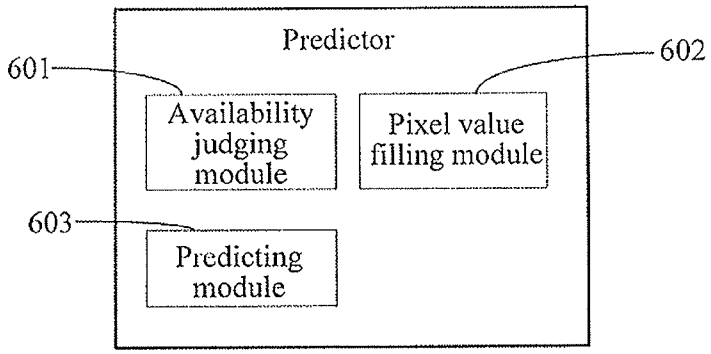

Predictor
601
602
Availability judging module
Pixel value filling module
603
Predicting module

FIG. 7

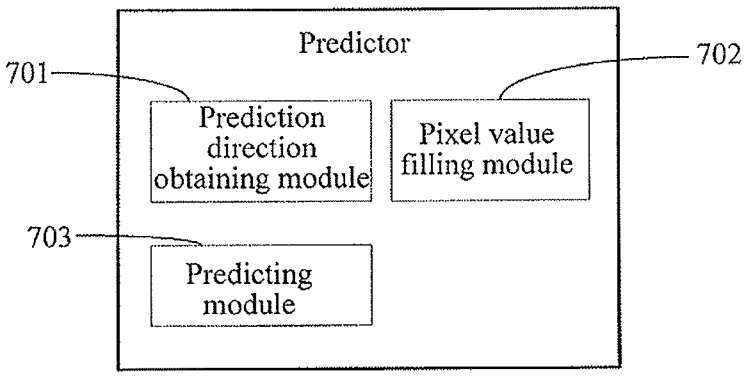

Predictor
701
702
Prediction direction obtaining module
Pixel value filling module
703
Predicting module

FIG. 8