

**IMAGE CODING DEVICE, IMAGE CODING METHOD AND IMAGE CODING
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IMAGE DECODING PROGRAM**

[ABSTRACT]

Provided is a picture encoding device that divides a picture into blocks and performs encoding for each of the divided blocks. A primary signal block divider (101) divides a primary signal of the picture into rectangles having a predetermined size, and generates a primary signal block. A secondary signal block divider (101) divides a secondary signal of the picture into rectangles having a predetermined size, and generates a secondary signal block. A primary signal predictor (102) predicts a primary signal, and a secondary signal predictor (102) predicts a secondary signal. The secondary signal predictor (102) can perform inter prediction of predicting a secondary signal from an encoded primary signal, and the inter prediction is restricted based on at least one of a size of the primary signal block and a size of the secondary signal block.

[Figure 1]