IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS

ABSTRACT OF THE DISCLOSURE

Provided are an image coding method, an image coding apparatus, an image coding apparatus, an image decoding method, an image decoding apparatus, and image coding and decoding apparatus. The image coding method comprising: obtaining current signals to be coded of each of the processing units of the image data (S401); generating a binary signal by performing binarization on each of the current signals to be coded (S402); selecting a context for each of the current signals to be coded from among a plurality of contexts (S403); performing arithmetic coding of the binary signal by using coded probability information associated with the context selected in the selecting (S404); and updating the coded probability information based on the binary signal (S405), wherein, in the selecting, the context for the current signal to be coded is selected, as a shared context, for a signal which is included in one of a plurality of processing units and has a size different from a size of the processing unit including the current signal to be coded.

Figure 6