

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

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ABSTRACT

An image coding method includes: coding (i) coefficient information, (ii) a first flag indicating whether to quantize one or more blocks using quantization, (iii) a second flag indicating whether the plurality of quantization matrices are included in a sequence parameter set, and (iv) a third flag indicating whether the plurality of quantization matrices are included in a picture parameter set (S911); and quantizing the plurality of coefficients (S912), wherein when the one or more blocks are quantized using a plurality of default matrices, the following are coded in the coding: (i) the first flag indicating that the one or more blocks are quantized using the plurality of quantization matrices, (ii) the second flag indicating that the plurality of quantization matrices are not included in the sequence parameter set, and (iii) the third flag indicating that the plurality of quantization matrices are not included in the picture parameter set.

Figure 1