

DESCRIPTION

IMAGE PROCESSING DEVICE, BIT STREAM GENERATION METHOD,
COEFFICIENT DATA GENERATION METHOD, AND QUANTIZATION
COEFFICIENT GENERATION METHOD

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ABSTRACT

The present disclosure relates to an image
processing device, a bit stream generation method, a
coefficient data generation method, and a quantization
10 coefficient generation method capable of suppressing a
reduction in encoding efficiency.

In encoding an image, a transform skip flag that is
flag information indicating, for each component, whether
or not to skip transform processing of transforming a
15 residual between an image and a predicted image of the
image into coefficient data is generated, the transform
skip flag generated is encoded, coded data of the
transform skip flag is generated, and a bit stream
including the generated coded data of the transform skip
20 flag is generated. The present disclosure can be applied
to, for example, an image processing device, an image
encoding device, an image decoding device, a transmission
device, a reception device, a transmission-reception
device, an information processing device, an imaging
25 device, a reproduction device, a bit stream generation
method, a coefficient data generation method, a
quantization coefficient generation method, or the like.

Fig. 3

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