ABSTRACT

An encoding method according to an embodiment includes an index setting step, a prediction step, and an encoding step. The index setting step sets an index that represents information of a reference image and a weighting factor. The prediction step predicts so that a reference value of the weighting factor when a pixel value change between at least one reference image and a target image to be encoded is a specific reference or less is derived as a predicted value. The encoding step encodes a difference value between the weighting factor and the predicted value.