IMAGE CODING APPARATUS, IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE DECODING APPARATUS, IMAGE DATA TRANSMITTING METHOD AND RECORDING MEDIUM

ABSTRACT OF THE DISCLOSURE

To obtain a decoded image almost identical to an original image using a small amount of data, compressed data obtained by thinning-out original image data is corrected and the corrected data is outputted. At a local decoder the original image data is predicted based on this corrected data and this predicted value is outputted. Then, at an error calculator a predicted error for the predicted value is calculated with respect to the original image data. The above process is then repeated at a determination unit until the prediction error is determined to be less than a prescribed value, and the corrected data when the estimation error is less than a prescribed value is then outputted as the coded results for the original image data.

Figure 3