

ABSTRACT OF THE DISCLOSURE

IMAGE PREDICTIVE DECODING METHOD, IMAGE PREDICTIVE DECODING APPARATUS, IMAGE PREDICTIVE CODING METHOD, IMAGE PREDICTIVE CODING APPARATUS, AND DATA STORAGE MEDIA

Disclosed is an image predictive decoding method in which image data obtained by compressively coding a variable-size image using a prescribed method is input, a prediction image is generated using, as a reference image, at least one reproduced image which has been reproduced before an image being an object of decoding, and the object image is subjected to predictive decoding. In this method, the prediction image is generated using, as a reference image, at least one reproduced image which has been recently reproduced and includes significant image data to be referred to. Therefore, when plural objects constituting an image are subjected to compressive coding and transmitted object by object to increase the compression efficiency, it is avoided that a variable-size image which has already disappeared is used as the reference image for predictive decoding. As a result, coded data obtained by efficient compressive coding that suppresses the code quantity can be appropriately decoded.

Fig.1