~~MOVING~~ IMAGE ENCODING DEVICE, ~~MOVING~~ IMAGE DECODING DEVICE, ~~MOVING~~ IMAGE ENCODING METHOD, ~~AND MOVING~~ IMAGE DECODING METHOD, AND IMAGE PREDICTION DEVICE

ABSTRACT

When an intra-~~frame~~ prediction ~~process at a time of generating a prediction image is~~ parameter indicates a horizontal ~~one~~ prediction process, an intra prediction unit adds a value proportional to a change in a horizontal direction of the luminance values of pixels adjacent to the top of each ~~prediction~~ block, which is a unit for prediction process of a coding block, to the luminance value of a pixel adjacent to the left of the ~~prediction~~ block to ~~determine~~ set a result of the addition as a predicted value of a prediction image, whereas when the intra-~~frame~~ prediction ~~process at the time of generating the prediction image is~~ parameter indicates a vertical ~~one~~ prediction process, the intra prediction unit adds a value proportional to a change in a vertical direction of the luminance values of pixels adjacent to the left of the ~~prediction~~ block to the luminance value of the pixel adjacent to the top of the ~~prediction~~ block to ~~determine~~ set the result of the addition as a predicted value of the prediction image.