$$RM_p = rm_p$$
$$rm_p = RM_p \quad (RM_p < pm_p - 1)$$
$$rm_p = RM_p + 1 \quad (RM_p > pm_p - 1)$$

[0080]

Next, when the first bit of the intra prediction parameter binarization index dm_p is "0", the intra prediction parameter index calculating unit 43 decodes the 2nd to (k+1)th bits of the intra prediction parameter binarization index dm_p; otherwise, i.e., when the first bit is "1", the intra prediction parameter index calculating unit decodes the (n+2)th to (n+k+1)th bits of the intra prediction parameter binarization index dm_p and defines the decoded result as the prediction direction differential index dr_p.

[0081]

The moving image decoding device decodes the intra prediction parameter ~~index~~ on the basis of the prediction direction representative index and the prediction direction differential index, like the moving image encoding device. When the encoding mode assigned to ~~the encoding mode~~ the target block to be encoded is an inter encoding mode, the variable length decoding unit 31 decodes the inter prediction parameter for each of one or more partitions which are included in the target block to be decoded (target block to be encoded) and each of which is a prediction unit. The variable length decoding unit 31 further divides each of the one or more partitions which is a prediction unit into one or more partitions each of which is a transform processing unit on the basis of transform block size information included in the prediction difference encoding parameter, and decodes the compressed data (the transform coefficients transformed and quantized) for each partition which is a transform processing