

Title (en)
METHOD AND APPARATUS FOR INTRA PREDICTION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR INTRAPRÄDIKTION

Title (fr)
PROCÉDÉ ET APPAREIL DE PRÉDICTION INTRA

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Application
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Abstract (en)
[origin: WO2021054868A1] A method of coding implemented by a decoding device or an encoding device is provided. The method includes: obtaining a predicted sample value from one or more reference sample values of the block; and obtaining a weighted predicted sample value by multiplying the predicted sample value with a sample weighting factor, wherein the sample weighting factor is equal to $(64 - wL[x] - wT[y])$ when an intra prediction mode of the block is horizontal or vertical intra prediction mode, $wL[x]$ is a horizontal weighting factor, $x = 0..nTbW - 1$, a variable $nTbW$ specifying the block width, $wT[y]$ is a vertical weighting factor, $y = 0..nTbH - 1$, a variable $nTbH$ specifying the block height. The method further includes: adding an additional value to the weighted predicted sample; and right shifting the sum according to a predetermined precision of the sample weighting factor to obtain an updated predicted sample value.

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