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(54) CLASSIFICATION IN ADAPTIVE LOOP **FILTERING**

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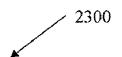
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(57) ABSTRACT

A method of video processing includes determining, for a conversion of a block of a video picture in a video and a bitstream representation of the video, gradients of a subset of samples in a region for a classification operation in a filtering process. The region has a dimension of M×N and the block has a dimension of K×L, M, N, K, L being positive integers. The block is located within the region. The method also includes performing the conversion based on the determining.



Determining, based on a condition of a coding tree block of a current video block, a usage status of virtual samples during an inloop filtering

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Performing a conversion between the video block and a bitstream representation of the video block consistent with the usage status of virtual samples

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