QUANTIZATION PARAMETER FOR CHROMA DEBLOCKING FILTERING

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is based on International Patent Application No. PCT/US2020/050644, filed on September 14, 2020, which claims the priority to and benefits of International Patent Application No. PCT/CN2019/105831, filed on September 14, 2019. All the aforementioned patent applications are hereby incorporated by reference in their entireties.

TECHNICAL FIELD

[0002] This patent document relates to video coding techniques, devices and systems.

BACKGROUND

[0001] Currently, efforts are underway to improve the performance of current video codec technologies to provide better compression ratios or provide video coding and decoding schemes that allow for lower complexity or parallelized implementations. Industry experts have recently proposed several new video coding tools and tests are currently underway for determining their effectivity.

SUMMARY

[0003] Devices, systems and methods related to digital video coding, and specifically, to management of motion vectors are described. The described methods may be applied to existing video coding standards (e.g., High Efficiency Video Coding (HEVC) or Versatile Video Coding) and future video coding standards or video codecs.

[0004] In one representative aspect, the disclosed technology may be used to provide a method for video processing. This method includes performing a conversion between a block of a chroma component of a video and a bitstream representation of the video. During the conversion, a deblocking filtering process is selectively applied to samples along edges of the block, and chroma quantization parameter (QP) offsets are added to outputs from a chroma QP table to determine parameters for the deblocking filter process.