

MOTION CANDIDATE LIST CONSTRUCTION USING NEIGHBORING BLOCK INFORMATION

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This application is based on International Patent Application No. PCT/CN2020/094310, filed on June 4, 2020, which claims the priority to and benefits of International Patent Application No. PCT/CN2019/089970, filed on June 4, 2019, and International Patent Application No. PCT/CN2019/104810, filed on September 7, 2019. All the aforementioned patent applications are hereby incorporated by reference in their entireties.

TECHNICAL FIELD

[0002] This document is related to video and image coding and decoding technologies.

BACKGROUND

[0003] Digital video accounts for the largest bandwidth use on the internet and other digital communication networks. As the number of connected user devices capable of receiving and displaying video increases, it is expected that the bandwidth demand for digital video usage will continue to grow.

SUMMARY

[0004] The disclosed techniques may be used by video or image decoder or encoder embodiments to perform coding or decoding of video bitstreams using non-rectangular partitioning such as a triangular partitioning mode.

[0005] In one example aspect, a method of visual media processing is disclosed. The method includes determining, for a conversion between a first video block of a visual media data and a bitstream representation of the visual media data, an availability of a second video block of the visual media data using a rule; and performing the conversion based on the determining, wherein the rule is at least based on a coding mode used for coding the first video block into the bitstream representation, wherein the rule specifies disallowing motion information of the second video block from being used in a merge list construction of the first block by treating the second video block as unavailable.

[0006] In one example aspect, a method of visual media processing is disclosed. The method includes determining, for a conversion between a first video block of a visual media data and a bitstream representation of the visual media data, an availability of a second video block of the visual media data using a rule; and performing the conversion based on the determining, wherein the rule specifies to use an availability check process on the second video block at one or more positions of the visual media data.