PALETTE MODE FOR LOCAL DUAL TREE

CROSS REFERENCE TO RELATED APPLICATIONS

[001] ~~Under the applicable patent law and/or rules pursuant to the Paris Convention, this application is made to timely~~This application is a national phase of International Patent Application No. PCT/CN2021/075408, filed on February 5, 2021, which claims the priority to and benefits of International Patent Application No. PCT/CN2020/074316, filed on February 5, 2020, and International Patent Application No. PCT/CN2020/091661, filed on May 21, 2020. ~~For all purposes under the law, t~~The entire disclosure of the aforementioned applications is incorporated by reference as part of the disclosure of this application.

TECHNICAL FIELD

[002] This patent document relates to image and video coding and decoding.

BACKGROUND

[003] 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

[004] The present document discloses techniques that can be used by video encoders and decoders for video processing using a palette mode in which a palette of representative sample values is used for representation of video.

[005] In one example aspect, a video processing method is disclosed. The method includes performing a conversion between a video block of a video and a bitstream of the video using a palette mode in which samples of the video block are represented using a palette of representative color values. A size of the palette of the video block is determined based on whether a local dual tree is applied to the video block.

[006] In another example aspect, a video processing method is disclosed. The method includes performing a conversion between a video block of a video and a bitstream of the video using a palette mode in which samples of the video block are represented using a palette of a representative color values. A size of a palette predictor of the video block is based on whether a local dual tree is applied to the video block.