PARAMETER DERIVATION FOR INTRA PREDICTION

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This is a national phase of International Patent Application No. PCT/CN2020/076362, filed on February 24, 2020, which claims the priority to and benefits of International Patent Application No. PCT/CN2019/075993, filed on February 24, 2019, International Patent Application No. PCT/CN2019/076195, filed on February 26, 2019, International Patent Application No. PCT/CN2019/079396, filed on March 24, 2019, International Patent Application No. PCT/CN2019/079431, filed on March 25, 2019, and International Patent Application No. PCT/CN2019/079769, filed on March 26, 2019. The entire disclosures of the aforementioned applications are incorporated by reference as part of the disclosure of this application.

TECHNICAL FIELD

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

BACKGROUND

[0003] In spite of the advances in video compression, digital video still 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] Devices, systems and methods related to digital video processing, and for example, simplified linear model derivations for the cross-component linear model (CCLM) prediction mode in video coding are described. The described methods may be applied to both the existing video coding standards (e.g., High Efficiency Video Coding (HEVC)) and future video coding standards (e.g., Versatile Video Coding (VVC)) or codecs.

[0005] In one representative aspect, the disclosed technology may be used to provide a method for video processing. The method comprises: determining, for a conversion between a current video block of a video that is a chroma block and a coded representation of the video, parameters