

CLAIMS

1. A method of video processing, comprising:
performing a conversion between a video including a video region and a bitstream of the video according to a rule; and
wherein the rule specifies a relationship between enablement of a palette mode and a coding type of the video region.
2. The method of claim 1, wherein the rule specifies that the palette mode is enabled in case that the coding type is `MODE_TYPE_ALL` that allows an intra mode, a palette mode, and an intra block copy mode for the conversion or `MODE_TYPE_INTRA` that allows use of an intra mode for the conversion.
3. The method of claim 2, wherein the rule specifies that the palette mode is always disabled in case that the coding type is `MODE_TYPE_INTER` that allows only an inter coding mode.
4. A method of video processing, comprising:
performing a conversion between a video including a first video region and a second video region and a bitstream of the video according to a rule; and
wherein the rule specifies that a boundary strength (bs) of a deblocking filter for chroma components of the video is set to 0 in case that a first block is in an intra block copy mode and a second block is in a palette mode.
5. The method of claim 4, wherein the rule further specifies that the boundary strength is set to 0 in case that a variable related to a chroma component in the video has a certain value.
6. The method of claim 5, wherein the certain value is not equal to 0.
7. A method of video processing, comprising:

performing a conversion between a video and a bitstream of the video according to a format rule, and

wherein the format rule specifies that a variable related to an input bit depth of the video is constrained according to a profile of the bitstream.

8. The method of claim 7, wherein the variable is `internal_minus_input_bit_depth`.
9. The method of claim 7, wherein the format rule specifies that the variable is constrained to be within a range of $[0, 2]$ in case of a 10-bit profile.
10. The method of claim 7, wherein the format rule specifies that the variable is constrained to be 0 in case of an 8-bit profile.
11. The method of claim 7, wherein the format rule specifies that the variable is constrained to be within a range of $[0, K]$ in case of a $(K+8)$ bit profile, whereby K is an integer greater than 0.
12. A method of video processing, comprising:

performing a conversion between a video and a bitstream of the video according to a format rule, and

wherein the format rule specifies that a variable indicating minimum allowed quantization parameter is constrained according to a profile of the bitstream.
13. The method of claim 12, wherein the variable is `QpPrimeTsMin`.
14. The method of claim 13, wherein the format rule specifies that $(QpPrimeTsMin - 4)/6$ is constrained to be within a range of $[0, 2]$ in case of a 10-bit profile.
15. The method of claim 13, wherein the format rule specifies that $(QpPrimeTsMin - 4)/6$ is constrained to be 0 in case of an 8-bit profile.

16. The method of claim 12, wherein the format rule specifies that $(QpPrimeTsMin - 4)/6$ is constrained to be within a range of $[0, K]$ in case of a $(K+8)$ bit profile, whereby K is an integer greater than 0.
17. The method of any of claims 1 to 16, wherein the conversion includes encoding the video into the bitstream.
18. The method of any of claims 1 to 16, wherein the conversion includes decoding the video from the bitstream.
19. The method of any of claims 1 to 16, wherein the conversion includes generating the bitstream from the video, and the method further comprises: storing the bitstream in a non-transitory computer-readable recording medium.
20. A video processing apparatus comprising a processor configured to implement a method recited in any one or more of claims 1 to 19.
21. A method of storing a bitstream of a video, comprising, a method recited in any one of claims 1 to 19, and further including storing the bitstream to a non-transitory computer-readable recording medium.
22. A computer readable medium storing program code that, when executed, causes a processor to implement a method recited in any one or more of claims 1 to 19.
23. A computer readable medium that stores a bitstream generated according to any of the above described methods.
24. A video processing apparatus for storing a bitstream representation, wherein the video processing apparatus is configured to implement a method recited in any one or more of claims 1 to 19.