chroma filter signal flag (alf_chroma_filter_signal_flag), wherein at least one of the alf_luma_filter_signal_flag or the alf_chroma_filter_signal_flag is equal to one; a decoding means for decoding a slice based on ALF parameters in the ALF APS; and a forwarding means for forwarding the slice for display as part of a decoded video sequence.

[0023] Optionally, in any of the preceding aspects, another implementation of the aspect provides, wherein the decoder is further configured to perform the method of any of the preceding aspects.

[0024] In an embodiment, the disclosure includes an encoder comprising: a slice encoding means for encoding a slice into a bitstream as part of an encoded video sequence; a determining means for determining ALF parameters for application to the slice; an ALF encoding means for encoding the ALF parameters into an a ALF adaptation parameter set (APS) in the bitstream, the ALF APS including an ALF luma filter signal flag (alf_luma_filter_signal_flag) and a ALF chroma filter signal flag(alf_chroma_filter_signal_flag), wherein at least one of the alf_luma_filter_signal_flag or the alf_chroma_filter_signal_flag is equal to one; and a storing means for storing the bitstream for communication toward a decoder.

[0025] Optionally, in any of the preceding aspects, another implementation of the aspect provides, wherein the encoder is further configured to perform the method of any of the preceding aspects.

[0026] For the purpose of clarity, any one of the foregoing embodiments may be combined with any one or more of the other foregoing embodiments to create a new embodiment within the scope of the present disclosure.

[0027] These and other features will be more clearly understood from the following detailed description taken in conjunction with the accompanying drawings and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0028] For a more complete understanding of this disclosure, reference is now made to the following brief description, taken in connection with the accompanying drawings and detailed description, wherein like reference numerals represent like parts.

[0029] FIG. 1 is a flowchart of an example method of coding a video signal.

[0030] FIG. 2 is a schematic diagram of an example coding and decoding (codec) system for video coding.

[0031] FIG. 3 is a schematic diagram illustrating an example video encoder.

[0032] FIG. 4 is a schematic diagram illustrating an example video decoder.