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(54) Title: SIGNALING MECHANISMS FOR EQUAL RANGES AND OTHER DRA PARAMETERS FOR VIDEO CODING

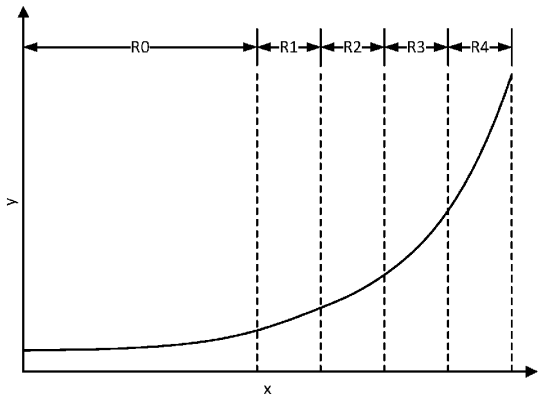


FIG. 9

(57) Abstract: Dynamic Range Adjustment can be used to correct distortions that can occur when the dynamic range of the colors in video are transformed. In various examples, Dynamic Range Adjustment can be performed using a piecewise linear function that takes as input a range of color values. Parameters describing the piecewise linear function can be encoded into a bitstream, and the parameters can be used by a decoding process to reconstruct the piecewise linear function. To improve encoding efficiency, techniques can be applied by which redundant values in the parameters need not be encoded when the range of input values for the piecewise linear function can be divided into portions having equal lengths. The decoding process can derive the omitted values from values that are provided, and can apply the piecewise linear function to decoded video data to perform Dynamic Range Adjustment.

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