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(54) Title: ENHANCED INTRA-PREDICTION CODING USING PLANAR REPRESENTATIONS

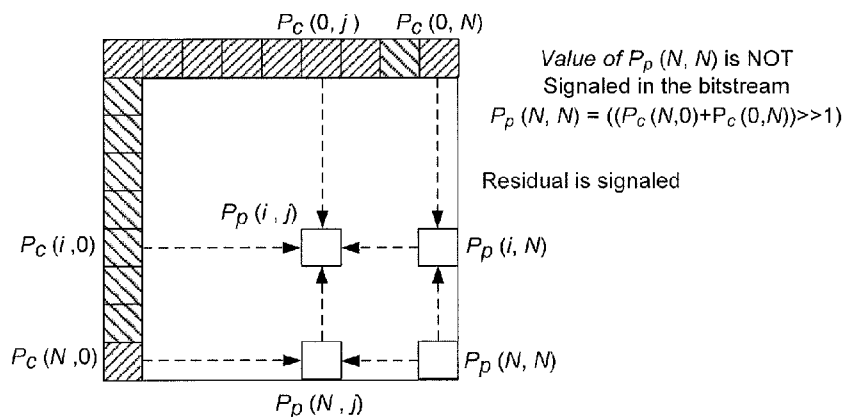


FIG. 10

(57) Abstract: The present invention provides low complexity planar mode coding in which a first prediction value is calculated using linear interpolation between a value of respective horizontal boundary pixels and a value of one of vertical boundary pixels, and a second prediction value is calculated using linear interpolation between a value of respective vertical boundary pixels and a value of one of the horizontal boundary pixels. The first and second prediction values are then averaged to derive a respective prediction pixel value in a prediction block. A residual between the prediction block and a target block is signaled to a decoder.