ABSTRACT

A video image component prediction method and apparatus, and a computer storage medium. The prediction method comprises: obtaining a first image component neighboring reference value and a first image component reconstruction value corresponding to a current coded block, wherein the first image component neighboring reference value is used for representing a first image component parameter corresponding to a neighboring reference point of the current coded block, and the first image component reconstruction value is used for representing a reconstruction parameter for one or more first image components corresponding to the current coded block (101); determining a correlation coefficient according to the first image component neighboring reference value and the first image component reconstruction value, wherein the correlation coefficient is used for representing an image component deviation degree between the current coded block and the neighboring reference point (102); inputting the correlation coefficient into a preset weight calculation model to obtain a weight coefficient corresponding to the neighboring reference point (103); determining a scale factor according to the weight coefficient (104); and obtaining a second image component predicted value corresponding to the current coded block according to the scale factor (105).

FIG. 7