

ABSTRACT

A video image component prediction method and device, and a computer storage medium. The method comprises: acquiring at least one threshold value according to first image component reconstruction values of all sampling points of a current coding block (S601); carrying out grouping according to a comparison result of a first image component neighboring reference value of the current coding block and the at least one threshold value, so as to obtain at least two groups of first image component neighboring reference values and second image component neighboring reference values (S602); establishing at least two computing models according to the at least two groups of first image component neighboring reference values and second image component neighboring reference values (S603); selecting, from the at least two computing models, a computing model corresponding to each sampling point in the current coding block according to a comparison result of the first image component reconstruction values of all the sampling points of the current coding block and the at least one threshold value (S604); and according to the computing model corresponding to each sampling point in the current coding block, acquiring a second image component prediction value of each sampling point in the current coding block (S605).

FIG. 6