

MOTION VECTOR OBTAINING METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

ABSTRACT

This application discloses a motion vector obtaining method and apparatus, a computer
5 device, and a storage medium, and pertains to the field of video compression technologies. In the
method, an initial motion vector of a to-be-processed picture block is determined by using a
location relationship between a reference block and the to-be-processed picture block. When the
reference block and the to-be-processed picture block are located in a same coding tree block, a
decoder uses an initial motion vector of the reference block as the initial motion vector of the to-
10 be-processed picture block. When the reference block and the to-be-processed picture block are
located in different coding tree blocks, the decoder uses a final motion vector of the reference
block as the initial motion vector of the to-be-processed picture block. In this case, when the final
motion vector of the reference block is required for the to-be-processed picture block, the initial
motion vector of the reference block may be used as the final motion vector of the reference block,
15 so that the to-be-processed picture block can be used, thereby avoiding a case in which the to-be-
processed picture block can be decoded only after the final motion vector of the reference block is
obtained, and improving decoding efficiency.

20 Figure 20