ABSTRACT

Disclosed are a ~~video coding~~ method, an apparatus, and a device for coding a video based on a long-term reference frame ~~and apparatus, and a device~~ , and a storage medium. The method ~~comprises~~includes: setting a long-term reference frame according to attribute information of an image frame; determining a reference index of a to-be-coded image frame based on a normal reference frame and the long-term reference frame; and acquiring a target matching block by performing inter prediction based on the reference index, so as to achieve coding of the to-be-coded image frame; wherein setting the long-term reference frame according to the attribute information of the image frame includes: setting the long-term reference frame based on a degree of redundancy in a time domain and a degree of redundancy in a spatial domain of the image frame ~~setting a long-term reference frame according to attribute information of an image frame; determining a reference index of a coded image frame on the basis of a common reference frame and the long-term reference frame; and performing inter-frame prediction according to the reference index to acquire a target matching block, so as to realize the coding of the coded image frame.~~.

Fig. 1