

ABSTRACT

FACE IMAGE RETRIEVAL METHODS AND SYSTEMS, PHOTOGRAPHING APPARATUSES, AND COMPUTER STORAGE MEDIA

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The embodiments disclose face image retrieval methods and systems, photographing apparatuses, and computer storage media. The method includes: obtaining to-be-retrieved face information corresponding to a to-be-retrieved image by a convolutional neural network, the convolutional neural network being
10 configured with corresponding convolution calculation configuration information by a processor, the convolutional neural network including at least one convolutional layer, the convolution calculation configuration information including a data bit width value corresponding to each convolutional layer in the convolutional neural network, and the to-be-retrieved image including at least one face region; searching a database for
15 matched preset face image information that matches the to-be-retrieved face information, the database storing at least one piece of preset face image information; and outputting the preset face image information that matches the to-be-retrieved face information. According to the embodiments, by obtaining the matched preset face image information through retrieval in a photographing apparatus, the effect of
20 real-time face retrieval is achieved, and the retrieval efficiency is improved.

[FIGURE 1]