

MODEL TRAINING METHOD, IMAGE RETRIEVAL METHOD, AND APPARATUS

ABSTRACT

This application discloses a model training method, and relates to the artificial intelligence field. The method includes: obtaining a plurality of training samples, where each training sample includes an image and a text, and the text describes a target object in the image; and inputting the plurality of training samples into a target model, so that the target model performs the following procedure until a preset stop condition is met: extracting an image feature of a first image and a text feature of a first text; obtaining a first loss value based on a difference between a first vector and a second vector, where a dimension of the first vector is the same as a dimension of the second vector, the first vector indicates the image feature of the first image, and the second vector indicates the text feature of the first text; and updating the target model based on the first loss value. According to the solution provided in this application, image feature learning is guided based on a text feature, so that an image representation capability of an image feature extracted by using the target model is better.

(Fig.3)