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(54) **METHOD FOR TRAINING TEXT CLASSIFICATION MODEL, APPARATUS, STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT**

(57)   The present disclosure provides a method for training a text classification model, a method for recognizing text content and apparatuses thereof, and relates to the technical field of artificial intelligence, in particular to the technical fields of deep learning and computer vision, and may be applied to scenarios such as optical character recognition or text recognition. The method for training includes: acquiring a set of to-be-trained images, the set of to-be-trained images including at least one sample image; determining predicted position information and predicted attribute information of each text line in each sample image based on each sample image; and training to obtain the text classification model, based on the annotation position information and the annotation attribute information of each text line in each sample image, and the predicted position information and the pre- dicted attribute information of each text line in each sample image, and the text classification model is used to detect attribute information of each text line in an to-be-recognized image. The method improves the accuracy of training, so that when attribute information of a text line is determined based on the text classification model, the reliability of classification is improved.
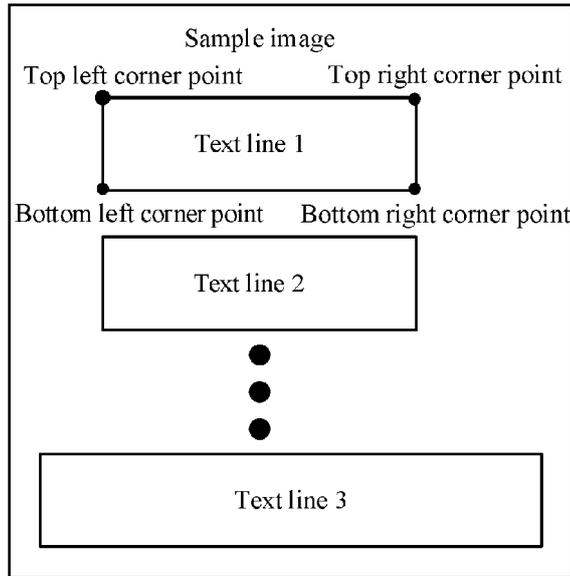
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Sample image

Top left corner point   Top right corner point

Text line 1

Bottom left corner point   Bottom right corner point

Text line 2

Text line 3

Fig. 2