

ABSTRACT

A method for recognizing a text, and an apparatus. A specific embodiment of the method comprises: obtaining a feature map (201), the feature map being obtained by means of performing text instance segmentation on an image having a text to be recognized;
5 constructing a relationship graph according to the feature map (202), wherein in the relationship graph, each node represents a pixel in the feature map, and each edge represents that a similarity measure of spatial semantic features of two connected nodes is greater than a target threshold, and spatial semantic features comprise a type feature and a position feature of a pixel represented by a node; utilizing a pre-trained graph
10 convolutional network to perform processing on the relationship graph, and obtaining a first text feature corresponding to the image (203); and generating a text recognition result for the image according to the first text feature. The present embodiment provides a graph-based method for recognizing a text.

Fig. 2