

IMAGE RETRIEVAL METHOD AND DEVICE

ABSTRACT

Embodiments herein provide a method and device for image search. The method includes: acquiring a first feature map corresponding to a first image and a second feature map corresponding to a second image by performing feature extraction respectively on the first image and the second image according to each scale of preset multiple scales; computing, corresponding to a target scale combination of the preset multiple scales, similarity between the first feature map and the second feature map located at any two spatial locations; establishing an undirected graph according to similarities corresponding to respective target scale combinations; inputting the undirected graph to a graph neural network that is pre-established, and determining, according to an output result output by the graph neural network, whether the second image matches the first image.

[Fig. 1]