

Abstract

The invention relates to a computer implemented method (600) for image segmentation matching of a first segmentation y_k of a first image with a second segmentation x_k of a second image, where the first segmentation y_k and second segmentation x_k are a pair of segmentations, comprising the steps: learning (602) joint features and metric of the first segmentation y_k and the second segmentation x_k using joint feature and metric learning, and regulating (604) the joint feature and metric learning using a graph G^{y_k} containing a global spatial relationship between the first segmentation y_k corresponding to the second segmentation x_k and neighboring segmentations of the first segmentation y_k , and using the second segmentation x_k .

(Fig. 1)