A review of object representation based on local features

基于局部特征的目标表示: 综述

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- Object representation, as a key technology, has a profound influence on the selection of the classifier and the eventual performance. In recent years, many studies have attempted to describe objects based on local features.
- The problem of local feature extraction can be divided into *feature region detection, feature region description*, and *feature space optimization*. Object representation methods based on local features can be classified into three kinds: *vector space models, sliding window models*, and *structure relationship models*.
- Local features computed on regions of interest have proven to be very successful in real-world applications. In this paper, we have presented an extensive survey of object representation methods based on local features and given a brief review of related topics.

