

## عنوان مقاله:

Object Recognition based on Graph theory and Redundant Keypoint Elimination Method

## محل انتشار:

نهمین کنگره مشترک سیستم های فازی و هوشمند ایران (سال: 1400)

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## خلاصه مقاله:

Object Recognition System is widely used in different real-life applications such as content-based image retrieval, object detection, etc. In this article, we suggest a novel technique for object detection using Redundant Keypoint Elimination method SIFT- Graph Transformation Matching (RKEMSIFT-GTM). This proposed approach deletes redundant points and eliminates false matches. The proposed improved region-growing, which is a powerful method, is used for the final detection stages. The suggested approach is evaluated on datasets such as COIL-100 and obtained a good recognition rate compared to other detection methods.

## کلمات کلیدی:

.Object Recognition; matching; SIFT; GTM

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1438278>

