Bottom-up Approach for Salient Region Detection using Fixed Patch Size Segmentation

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Abstract
Salient region detection refers to extracting important information from image while negotiating the remaining things. It can be used in many fields such as for compression of image by blurring unwanted part of image, classification of image, segmentation of object, recognition of object and many more. In this work, two different visual cues are combined together to overcome disadvantages of separate methods. In this method first image is segmented using segmentation algorithm and segmented image is given as input to two different visual cues that are compactness and local contrast and then both the maps are evaluated and combined together to obtain final saliency map.

References
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Index Terms

Computer Science          Pattern Recognition

Keywords

Contrast, Diffusion process, Compactness, Salient region, Segmentation.