

Accepted Manuscript

Saliency Driven Region-Edge-based Top Down Level Set Evolution Reveals the Asynchronous Focus in Image Segmentation

Xu-Hao Zhi , Hong-Bin Shen

PII: S0031-3203(18)30100-6
DOI: [10.1016/j.patcog.2018.03.010](https://doi.org/10.1016/j.patcog.2018.03.010)
Reference: PR 6488



To appear in: *Pattern Recognition*

Received date: 9 February 2017
Revised date: 4 December 2017
Accepted date: 11 March 2018

Please cite this article as: Xu-Hao Zhi , Hong-Bin Shen , Saliency Driven Region-Edge-based Top Down Level Set Evolution Reveals the Asynchronous Focus in Image Segmentation, *Pattern Recognition* (2018), doi: [10.1016/j.patcog.2018.03.010](https://doi.org/10.1016/j.patcog.2018.03.010)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A new level set energy function has been designed by incorporating both the region and edge information.
- Saliency knowledge has been modeled into the level set evolution.
- A hierarchical evolution approach has revealed the asynchronous focus in image segmentation.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6938964>

Download Persian Version:

<https://daneshyari.com/article/6938964>

[Daneshyari.com](https://daneshyari.com)