

Accepted Manuscript

Shape-based object matching using interesting points and high-order graphs

Cong Yang, Christian Feinen, Oliver Tiebe, Kimiaki Shirahama,
Marcin Grzegorzec

PII: S0167-8655(16)00082-9
DOI: [10.1016/j.patrec.2016.03.013](https://doi.org/10.1016/j.patrec.2016.03.013)
Reference: PATREC 6479



To appear in: *Pattern Recognition Letters*

Received date: 13 October 2015

Accepted date: 4 March 2016

Please cite this article as: Cong Yang, Christian Feinen, Oliver Tiebe, Kimiaki Shirahama, Marcin Grzegorzec, Shape-based object matching using interesting points and high-order graphs, *Pattern Recognition Letters* (2016), doi: [10.1016/j.patrec.2016.03.013](https://doi.org/10.1016/j.patrec.2016.03.013)

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.

Research Highlights (Required)

To create your highlights, please type the highlights against each `\item` command.

It should be short collection of bullet points that convey the core findings of the article. It should include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point.)

- The introduction of a novel shape descriptor with robust shape interesting points and their descriptors.
- The implementation of a high-order graph matching algorithm for solving the shape matching problem.
- The proposed method can significantly improve the traditional correspondence-based shape matching methods.
- The proposed method is very robust in an object retrieval scenario.
-

Download English Version:

<https://daneshyari.com/en/article/4970205>

Download Persian Version:

<https://daneshyari.com/article/4970205>

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