

Accepted Manuscript

Generation of Human Depth Images with Body Part Labels for
Complex Human Pose Recognition

K. Nishi, J. Miura

PII: S0031-3203(17)30228-5
DOI: [10.1016/j.patcog.2017.06.006](https://doi.org/10.1016/j.patcog.2017.06.006)
Reference: PR 6171

To appear in: *Pattern Recognition*

Received date: 14 December 2016
Revised date: 30 April 2017
Accepted date: 1 June 2017

Please cite this article as: K. Nishi, J. Miura, Generation of Human Depth Images with Body Part Labels for Complex Human Pose Recognition, *Pattern Recognition* (2017), doi: [10.1016/j.patcog.2017.06.006](https://doi.org/10.1016/j.patcog.2017.06.006)

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

- An efficient generation of large-scale dataset of human depth images with body part labels is proposed.
- The method adopts computer modeling and computer graphics techniques.
- The generated dataset can be used for training fully convolutional networks.
- The trained network can recognize human body parts in depth image.

Download English Version:

<https://daneshyari.com/en/article/4969565>

Download Persian Version:

<https://daneshyari.com/article/4969565>

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