Accepted Manuscript

Growing Random Forest on Deep Convolutional Neural Networks for Scene Categorization

Shuang Bai

PII:S0957-4174(16)30580-2DOI:10.1016/j.eswa.2016.10.038Reference:ESWA 10943

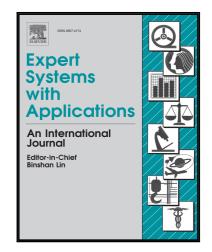
To appear in:

Expert Systems With Applications

Received date:26 December 2015Revised date:21 September 2016Accepted date:17 October 2016

Please cite this article as: Shuang Bai, Growing Random Forest on Deep Convolutional Neural Networks for Scene Categorization, *Expert Systems With Applications* (2016), doi: 10.1016/j.eswa.2016.10.038

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

50%

- Random forests are grown on convolutional neural networks for scene categorization.
- Features from multi-layers of deep convolutional neural networks are utilized.
- A feature selection method is proposed to use random forests to categorize scenes.

1

Download English Version:

https://daneshyari.com/en/article/4943541

Download Persian Version:

https://daneshyari.com/article/4943541

Daneshyari.com