## **Accepted Manuscript**

A new deep belief network based on RBM with glial chains

Zhiqiang Geng, Zhongkun Li, Yongming Han

PII: S0020-0255(18)30487-0 DOI: 10.1016/j.ins.2018.06.043

Reference: INS 13736

To appear in: Information Sciences

Received date: 17 November 2017

Revised date: 8 May 2018 Accepted date: 17 June 2018



Please cite this article as: Zhiqiang Geng, Zhongkun Li, Yongming Han, A new deep belief network based on RBM with glial chains, *Information Sciences* (2018), doi: 10.1016/j.ins.2018.06.043

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.

#### ACCEPTED MANUSCRIPT

### **Highlights**

- A new deep belief network based on RBM with glial chains is proposed.
- This proposed method is applied to images classification.
- The effective and veracity of images classification is obtained.



#### Download English Version:

# https://daneshyari.com/en/article/6856223

Download Persian Version:

https://daneshyari.com/article/6856223

<u>Daneshyari.com</u>