Accepted Manuscript

Restoration of interdependent network against cascading overload failure

Jilong Zhong, FengMing Zhang, Shunkun Yang, Daqing Li

PII:	S0378-4371(18)31279-2
DOI:	https://doi.org/10.1016/j.physa.2018.09.130
Reference:	PHYSA 20191
To appear in:	Physica A
Received date :	5 April 2018
Revised date :	17 May 2018



Please cite this article as: J. Zhong, et al., Restoration of interdependent network against cascading overload failure, *Physica A* (2018), https://doi.org/10.1016/j.physa.2018.09.130

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.

Highlight

1. Restoration effect of interdependent network becomes worse with the increasing coupling strength.

2. Restoration effect of SF-SF network is sensitive to repair resour es, while ER-ER network is comparatively sensitive to load tolerance update.

3. ER-SF network exhibits worse restoration effect than ER-'__R, SE-SF, and SF-ER network.

Download English Version:

https://daneshyari.com/en/article/11023340

Download Persian Version:

https://daneshyari.com/article/11023340

Daneshyari.com