

Accepted Manuscript

Simulation of finite size effects of the fiber bundle model

Da-Peng Hao, Gang Tang, Zhi-Peng Xun, Hui Xia, Kui Han

PII: S0378-4371(17)30867-1
DOI: <http://dx.doi.org/10.1016/j.physa.2017.08.087>
Reference: PHYSYA 18533

To appear in: *Physica A*

Received date: 4 January 2017

Revised date: 9 June 2017

Please cite this article as: D. Hao, G. Tang, Z. Xun, H. Xia, K. Han, Simulation of finite size effects of the fiber bundle model, *Physica A* (2017), <http://dx.doi.org/10.1016/j.physa.2017.08.087>

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. The finite size effects of fiber bundle model are studied by simulation.
2. The effects of system size on the mechanism and statistical properties are analyzed.
3. The thermodynamic limit parameters of a simulated model with limited size are estimated by simple extrapolation.

Download English Version:

<https://daneshyari.com/en/article/5102425>

Download Persian Version:

<https://daneshyari.com/article/5102425>

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