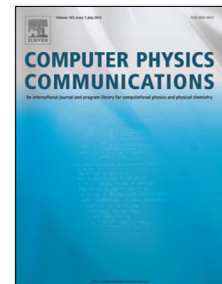


## Accepted Manuscript

A multi-populations multi-strategies differential evolution algorithm for structural optimization of metal nanoclusters

Tian-E Fan, Gui-Fang Shao, Qing-Shuang Ji, Ji-Wen Zheng, Tun-dong Liu,  
Yu-Hua Wen



PII: S0010-4655(16)30231-4  
DOI: <http://dx.doi.org/10.1016/j.cpc.2016.08.002>  
Reference: COMPHY 6017

To appear in: *Computer Physics Communications*

Received date: 14 December 2015  
Revised date: 28 June 2016  
Accepted date: 2 August 2016

Please cite this article as: T.-E. Fan, G.-F. Shao, Q.-S. Ji, J.-W. Zheng, T.-d. Liu, Y.-H. Wen, A multi-populations multi-strategies differential evolution algorithm for structural optimization of metal nanoclusters, *Computer Physics Communications* (2016), <http://dx.doi.org/10.1016/j.cpc.2016.08.002>

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**A multi-populations multi-strategies differential evolution  
algorithm for structural optimization of metal nanoclusters**

Tian-E Fan <sup>a</sup>, Gui-Fang Shao <sup>a</sup>, Qing-Shuang Ji <sup>a</sup>, Ji-Wen Zheng <sup>a</sup>, Tun-dong Liu <sup>a,1</sup>, Yu-Hua Wen <sup>b</sup>

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