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Jianzhou Zheng, Xiao Zheng, Yang Zhao, Yang Xie, ChiYung Yam, GuanHua Chen,
Qing Jiang, and Allen T. Chwang

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This paper was published online on 17 April 2007 with two typographical errors in the text. On page 1, the second sentence of the first paragraph should read as “Thomson later nicknamed Maxwell's fictitious... .” In the second paragraph on page 1, the seventh line should read as “showed that no net work can be... .” The paper has been corrected as of 4 May 2007. The text is correct in the printed version of the journal.