



Cite this: *Nanoscale*, 2016, **8**, 14278

DOI: 10.1039/c6nr90155g
www.rsc.org/nanoscale

Correction: Charge-tunnelling and self-trapping: common origins for blinking, grey-state emission and photoluminescence enhancement in semiconductor quantum dots

M. A. Osborne* and A. A. E. Fisher

Correction for 'Charge-tunnelling and self-trapping: common origins for blinking, grey-state emission and photoluminescence enhancement in semiconductor quantum dots' by M. A. Osborne, et al., *Nanoscale*, 2016, **8**, 9272–9283.

The authors wish to draw the reader's attention to the amendments to the original article listed below.

1. There should be a squared on the excitation rate, k_x , in eqn (3). The correct version is shown below:

$$\Gamma_{\text{on}} = \frac{k_x^2}{2k_r} |F|^2 \left(\frac{r}{R_c} \right)^3 e^{-E_a/kT}$$

2. The equation on page 9280, right column, line 55, in the sentence beginning "Quantitatively, it can be..." should have the valence band offset, ϕ_{VB} , to the inverse square root and therefore should read, "equilibrium constant approximates to $k_h^+ / k_h^- \propto \exp(\phi_{2h} \phi_{\text{VB}}^{-\frac{1}{2}} d)$."

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

