Publisher's Note: Controlled operations in a strongly correlated two-electron quantum ring [Phys. Rev. B **79**, 115318 (2009)]

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This paper was published online on 26 March 2009 with an error in Eq. 2. Equation 2 should read as

$$\left[\frac{\hbar^2}{2m^*} \left(-\frac{\partial^2}{\partial r^2} + \frac{m_l^2}{r^2} \right) + \frac{1}{2} m^* \omega_0^2 (r - r_0)^2 - E \right] u_{nm_l}(r) = 0. \tag{2}$$

The equation has been corrected as of 7 April 2010. The equation is correct in the printed version of the journal.