Errata

This paper contains the following errors, which have a minor effect on the stated results.

1. The effective resistance in Eq. (3) was defined as $R_{\text{eff}}^{(i)} = R_i \sin(\pi x_i / L)$, which is correct only for the first mode. In general, the effective resistance is a function of the mode number, $R_{\text{eff}}^{(i,k)} = R_i \sin(k\pi x_i / L)$. This was handled correctly in the simulations, and hence has no effect on the numerical results.

2. The value for the coupling strength γ was given as 1.53×10^9 s^{-1}, rather than 1.46×10^{10} s^{-1}. This error was propagated to the estimate of the Q-value, which was a factor of 10 too large as a result. The saturation temperatures for the parameters used in the paper are therefore likely to be slightly optimistic in comparison to what is realistically achievable in practice. Nevertheless, this error has no effect on the essential features of the results, and all of the conclusions remain perfectly valid. Note that this error is not present in the analysis or simulations of Chapter 5.