

Supplemental Online Data

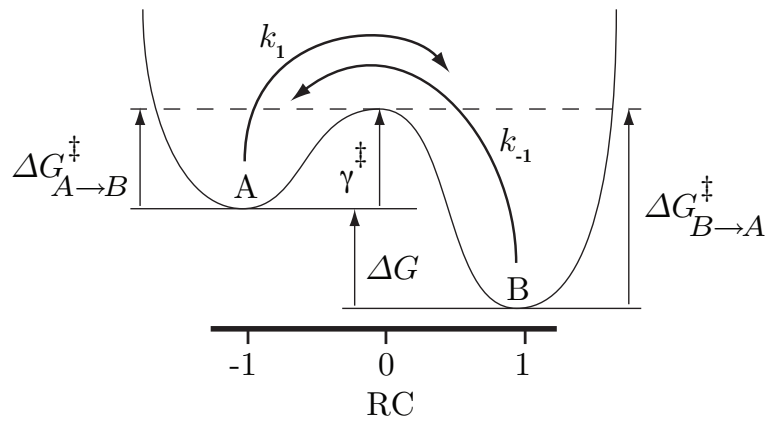


Figure 1: Energy surface of a reversible noise-induced transition in a bi-metastable potential.

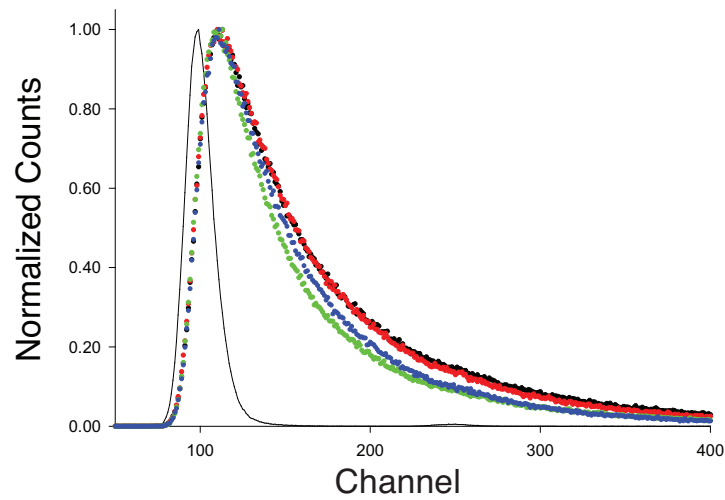


Figure 2: Time resolved decays of Trp12 in TnC(12W/C51±AEDANS) showing the effect of TnI addition (48.8 ps/channel). TnC in 160 μM Ca^{2+} : donor-only (black), donor-acceptor (green). TnC in 160 μM Ca^{2+} + 2-fold excess of TnI: donor-only (red). Donor-acceptor (blue). Impulse response (black line).