(a) Initial distribution

(b) Updated initial distribution

(c) Final distribution

(d) Updated final distribution

(e) Cycled distribution

(f) Updated cycled distribution

Figure 2: Evolution of a damped harmonic oscillator, coupled to a heat bath, with an initially bimodal distribution, under a trivial protocol. Units are chosen such that $m = 1$, $k(t = 0) = 1$, and $\beta = 1$. Each graph shows the phase space probability distribution with respect to position and momentum at different points in the experiment.