The optimal driving waveform for overdamped, adiabatic rocking ratchets

Corrigendum

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The first equation of section 5 should read:

$$f^*(t) = \begin{cases} L, & 0 \leqslant t < T_f d \\ N^*, & T_f d \leqslant t < T_f. \end{cases}$$

There is no need to normalise by T_f in figure 6. The label on the vertical axis should be 'Average ratchet velocity, $\langle \dot{x} \rangle$' and the caption should read 'Velocities predicted by (1) and (2) for the dichotomous optimal force and the perturbatively optimal biharmonic force with same maximum value L, for temperatures $k_B T = 0.1$ (solid lines) and 1 (dashed lines).'

The Ts in the second equation of section 3 are missing subscripts f. The equation should read:

$$f(t) = \begin{cases} M > 0, & 0 \leqslant t < T_f d \\ N < 0, & T_f d \leqslant t < T_f. \end{cases}$$