

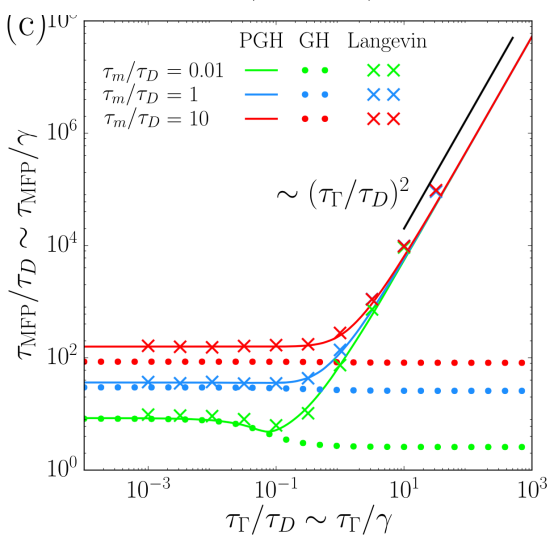
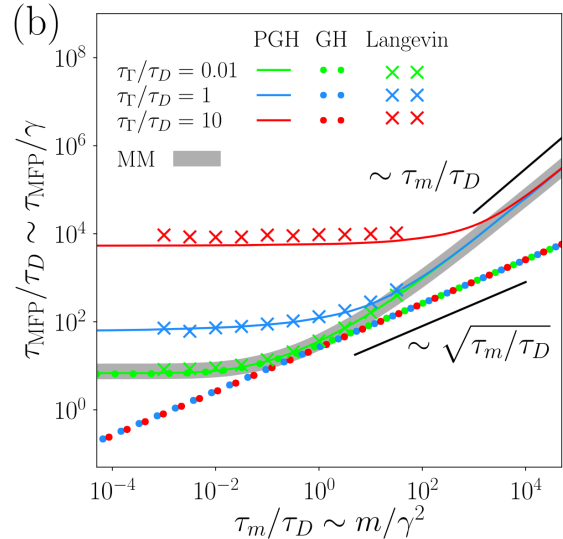
$$m \ddot{x}(t) = -U'(x(t)) - \int_0^t \Gamma(t') \dot{x}(t-t') dt' + \eta(t)$$

$$U(x) = U_0 \left[\left(\frac{x}{L} \right)^2 - 1 \right]^2$$

$$\langle \eta(t) \eta(t') \rangle = k_B T \Gamma(t-t')$$

$$\Gamma(t) = \frac{\gamma}{\tau_\Gamma} \exp\left(-\frac{|t|}{\tau_\Gamma}\right)$$

$$\gamma = \int_0^\infty \Gamma(t) dt$$



global scaling diagram

