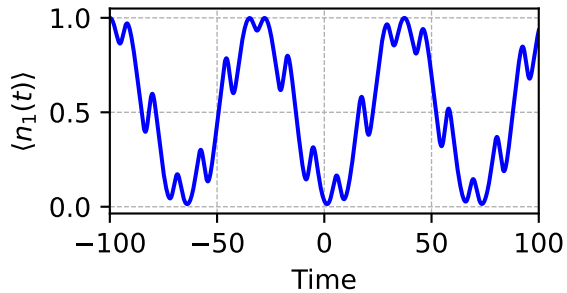
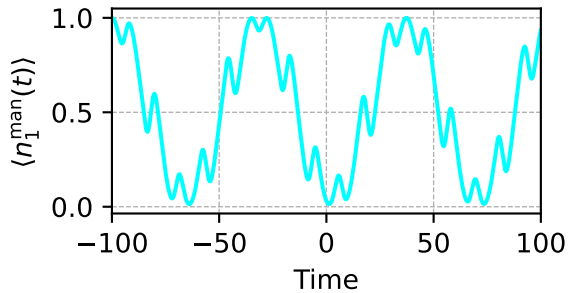


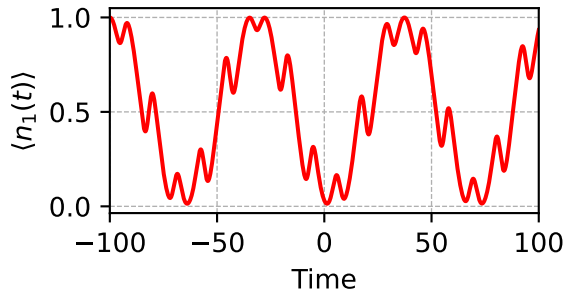
$\langle n_1(t) \rangle$  with  $H_{XY}$



$\langle n_1^{\text{man}}(t) \rangle$  with  $H_{XY}$



$\langle n_1(t) \rangle$  with  $H_{\sigma_{\pm}}$



$\langle n_1^{\text{man}}(t) \rangle$  with  $H_{\sigma_{\pm}}$

