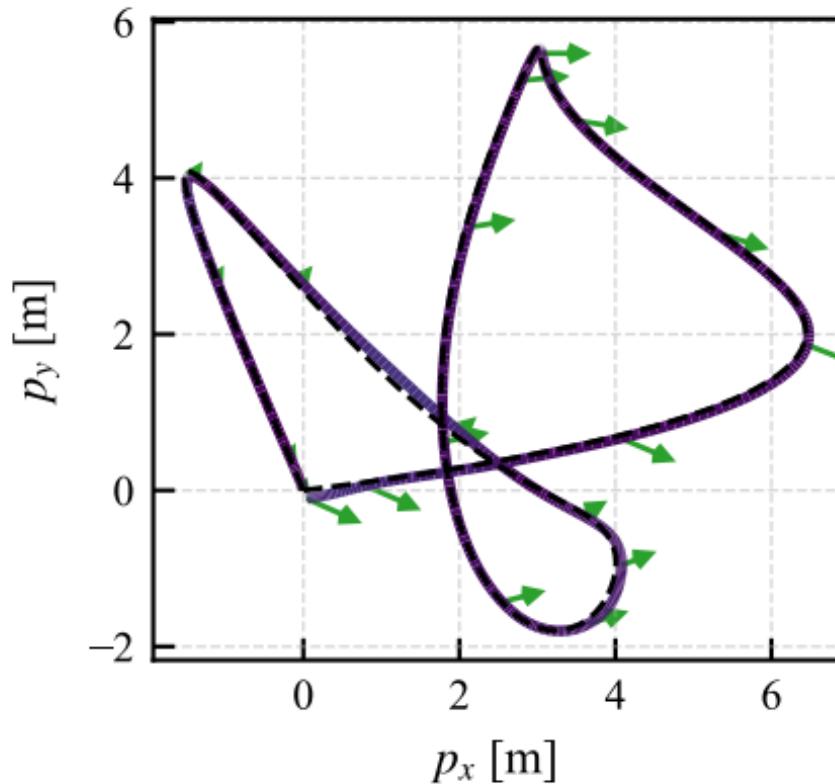
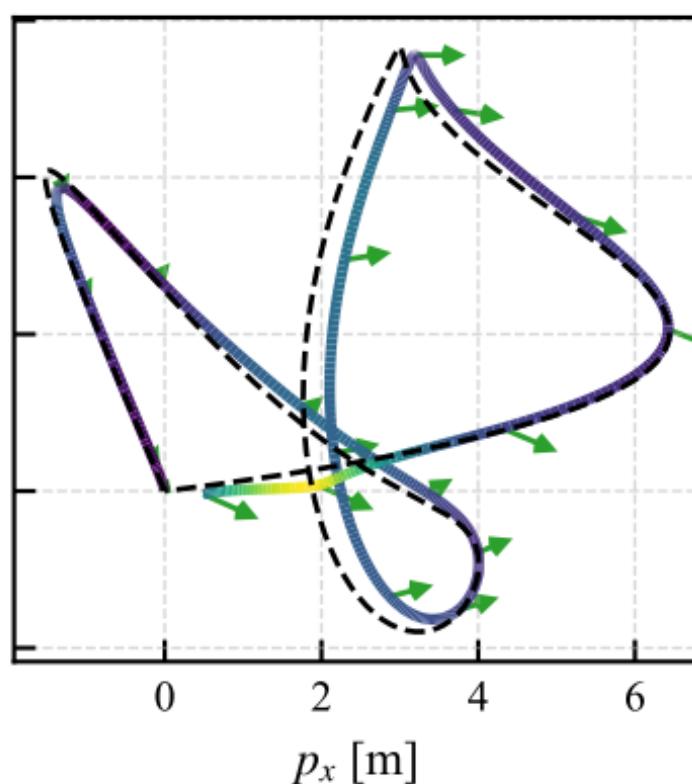


--- Ref    — Executed    → Wind

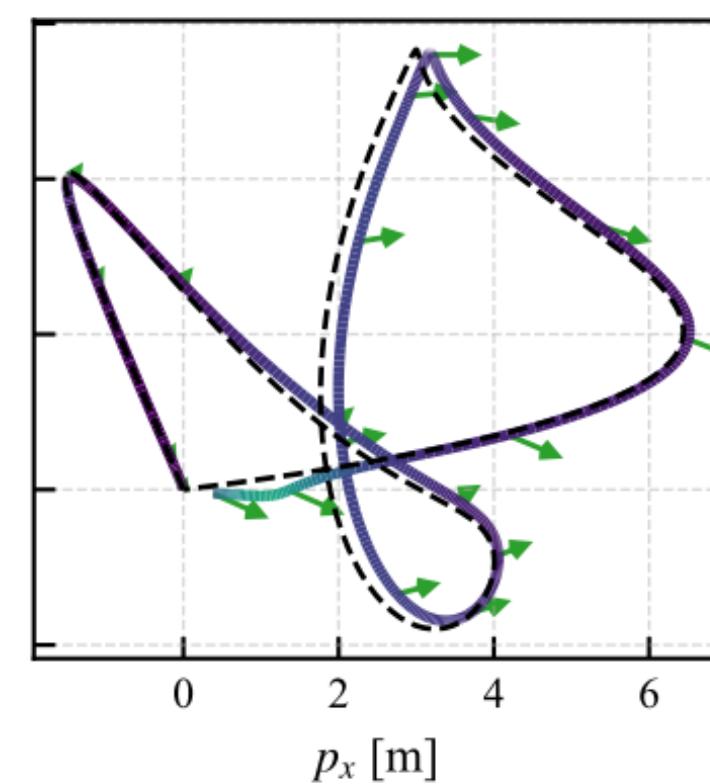
AR-MPC:  $v_{\max} = 6.46 \text{ m/s}$ , RMSE = 0.070 m



Nominal:  $v_{\max} = 6.46 \text{ m/s}$ , RMSE = 0.354 m



SGP-MPC:  $v_{\max} = 6.46 \text{ m/s}$ , RMSE = 0.210 m



A vertical colorbar on the right side of the plots, titled "Position Error [m]", with a scale from 0.0 (dark purple) to 1.2 (yellow). The colorbar is used to map the position error values from the executed trajectories in the plots to their corresponding colors.

Position Error [m]