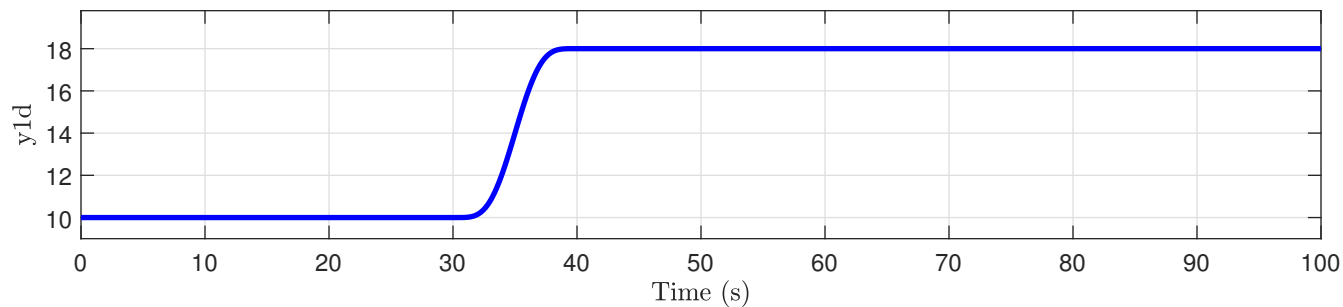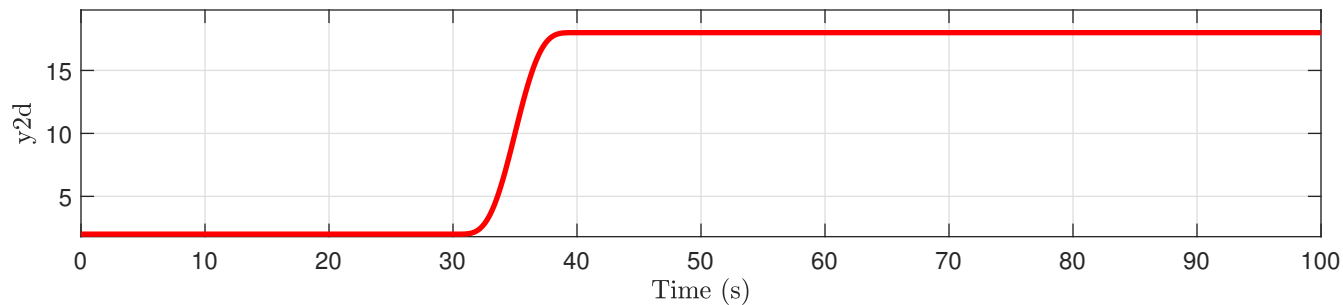Desired trajectories