

Fig. 24 Lawnmower pattern; with wind and noise; Control: 8.3, Table 8; $K_P = 1$, $K_{Pr} = 1.5$, $K_D = 2$, $K_{Dr} = 0$, $K_{Dr\alpha} = 2$, $K_{D\alpha} = 0.4$, $K_{P\alpha} = 0.3$; (a) Quadrotor system performance, (b) Control performance, (c) Quadrotor trajectories.