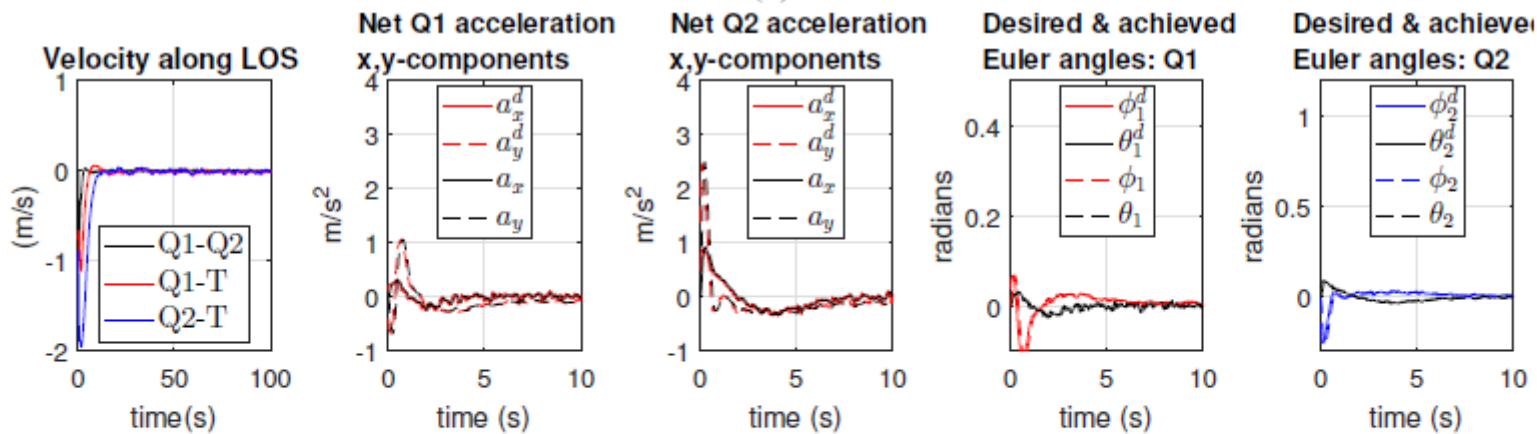


(a)



(b)

**Fig. 14** Moving target (straight); with wind and sensor noise;  $K_P = 0.3, K_{Pr} = 1, K_D = 0.9, K_{Dr} = 1.8, K_{D\alpha} = K_{Dr\alpha} = 0.2, K_{P\alpha} = 0.3$ ; (a) Quadrotor system performance, and (b) Control performance.