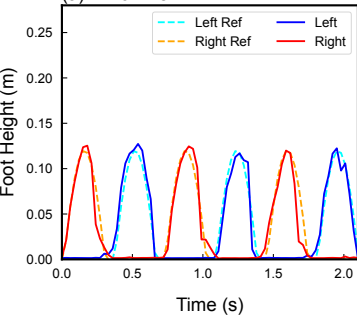
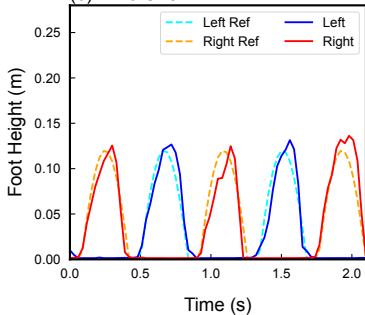


(a) $T = 0.72\text{s}$ (b) $T = 0.84\text{s}$ (c) v_z versus h 