

F, = -F2 => F, = F2 => may + may = 0. [mountal") If $V_1 = V_2 = 0$ at t = 0,

=> m $\Delta \sigma_1$, + m $\Delta \sigma_2$ = 0 => C.O. M doesn't move. R-F=m, ov, Im sounding R m, E F m' F = m2 DV2 Dt. $=) R = m_1 \Delta V_1 + m_2 \Delta V_2$ =) C.O.M shifts to the right Duman Gait, Stance phase: leg is on the ground swing place: deg is off the ground. Spaid eyeling: Period between the beginning of the swing phase of one ley rand swing phase of the the same ley. Double support: When both legs are in contact with the ground.

Single support: Only one leg is in contact with the ground.