Kinetic and potential energy from P1 to P2 **Total Potential Energy ∑** 480 energy 460 460 2 3 5 6 time [s] **Total Kinetic Energy** energy [J] 3 time [s] Total Mechanical Energy $(E_k + E_p)$ 60 480 energy 480 460 2 3 5 6 0 8 time [s]