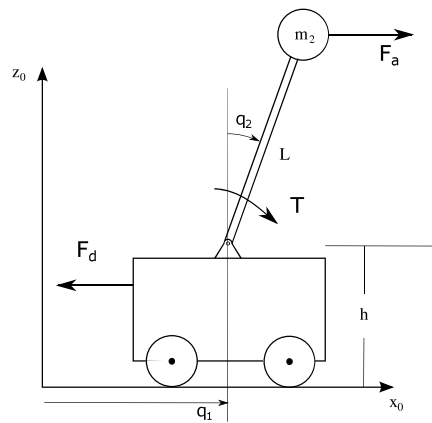


Example: Forces on wagon with inverted pendulum



Contributions to the generalized forces

- ▶ $Q_{F_d} = [-F_d \ 0]^T$
- ▶ $Q_{F_a} = [-F_a \ F_a L \cos \theta]^T$
- ▶ $Q_T = [0 \ T]^T$