ME572: Homework #7

Due on March 21, 2012

Jedediah Frey

$$\left[D_2 \quad = \quad m2 \cdot (l \cdot \cos(\theta_2)^2 - l/2 + l \cdot \sin(\theta_2)^2) \cdot (\cos(\theta_2) \cdot (d\dot{\theta}_1 \cdot l + g \cdot \cos(\theta_1)) + \sin(\theta_2) \cdot (l \cdot \dot{\theta}_1^2 - g \cdot \sin(\theta_1)) + (l \cdot (d\dot{\theta}_1 + d\dot{\theta}_2)\right.$$