

## Assignments

**Assignment 1 - due Friday 10/2** Vector Identities - 1.16(b) 1.19, &  $\nabla \left( \vec{A} \cdot \left( \vec{B} \times \vec{r} \right) \right) = \vec{A} \times \vec{B}$  when  $\vec{A}$  and  $\vec{B}$  are constant vectors, 1.23, 1.32, 1.39, 1.40, 1.45, 2.11\*, 2.12, 2.13 \*In 2.11(c) include the leading order term due to drag.