

## **Homework Assignment -- Unit A**

*Note: You should submit a hardcopy (typing is strongly recommended or writing clearly) before the beginning of class time on the due date.*

Read both articles about BigDog (from the course site under Unit A case study) and answer the following questions (try to be within one page):

1. What is BigDog?
2. What is the ultimate goal of this project?
3. Describe the five components (i.e. control, actuators, sensors, power source and communications) of BigDog?
4. What is BigDog currently capable of (refer to the second article by Mark Raibert for updated feature data)?
5. What do you think is the most impressive capability of BigDog, why?