

CALIFORNIA INSTITUTE OF TECHNOLOGY  
Control and Dynamical Systems

**CS/EE/ME 75a**  
**Homework Set #4**

R. M. Murray  
Fall 2004

Issued: 25 Oct 04  
Due: 8 Nov 04

Complete the problems below, trying to spend no more than the estimated time listed. Note that this homework is due on **8 Nov** due to midterms.

1. Working with your team, assign all components that require work this term to one or more individuals. For each of these components, create a wiki page linked to your team page containing the following information:
  - The name of the component and a short description of its function
  - A list of the people responsible for work on this component, linked to their user pages.
  - A list of preliminary specifications for the component in the race configured vehicle. These should link to either project or team level specifications if appropriate. If the specification is not yet defined, list it as “TBD”.
  - A list of components that will connect to this component, indicating the interface specification that must be defined. These interfaces may be physical (electrical connector, mechanical interface) or informational (function specification, data objects required). If the interface is not defined, list it as “TBD”.
  - A list of tasks that need to be accomplished as part of Spiral 1 (fall term) activities. Basically this should be the goals for this component by the end of the term. These should link to team level objectives from your GOTChA charts.

(Estimated time required: 2 hours, working as a team)