Date: May 25, 2006
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EEL 5666 Intelligent Machines Design Laboratory

Weekly Report 2 (May 25, 2006)

I have designed most of my robot's body in Proe. As soon as I get my motors and servos delivered, I will make final measurements and cut out my parts on the T-tech. I should be getting my camera, programmer, and servos in the mail in the next couple of days. One problem that I'm trying to solve is how to translate the circular motion of the servos into a linear, piston like motion that I need to tilt my platform. I know that I can use a 'rack and pinion' configuration, but I'm having trouble finding one that I can purchase.