

Ryerson University
Department of Electrical & Computer Engineering
ELE709 - Real-Time Computer Control Systems

Project (Week 2)

Name:

1. Derive the difference equation for calculating the control $u_k := u(kT)$ required to implement the Anti-Windup PID control in Task 2.4.
2. Submit hard copies of the following graphs:
 - (a) Graph for Task 3.1 (Anti-windup PID controller without load)
 - (b) Graph for Task 3.2 (Anti-windup PID controller with load)

Explain any discrepancies between these 2 graphs.