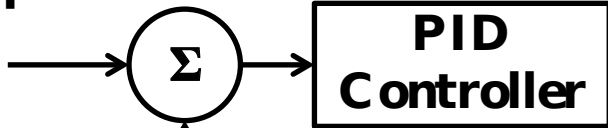


# External Control Loop - 10Hz

Window  
position



Desired  
Heading



# Internal Control Loop - 300Hz



Translational  
Position

Angular  
position



Pose