

Figure 1: Pole-Zero Plot of Open Loop Transfer Function

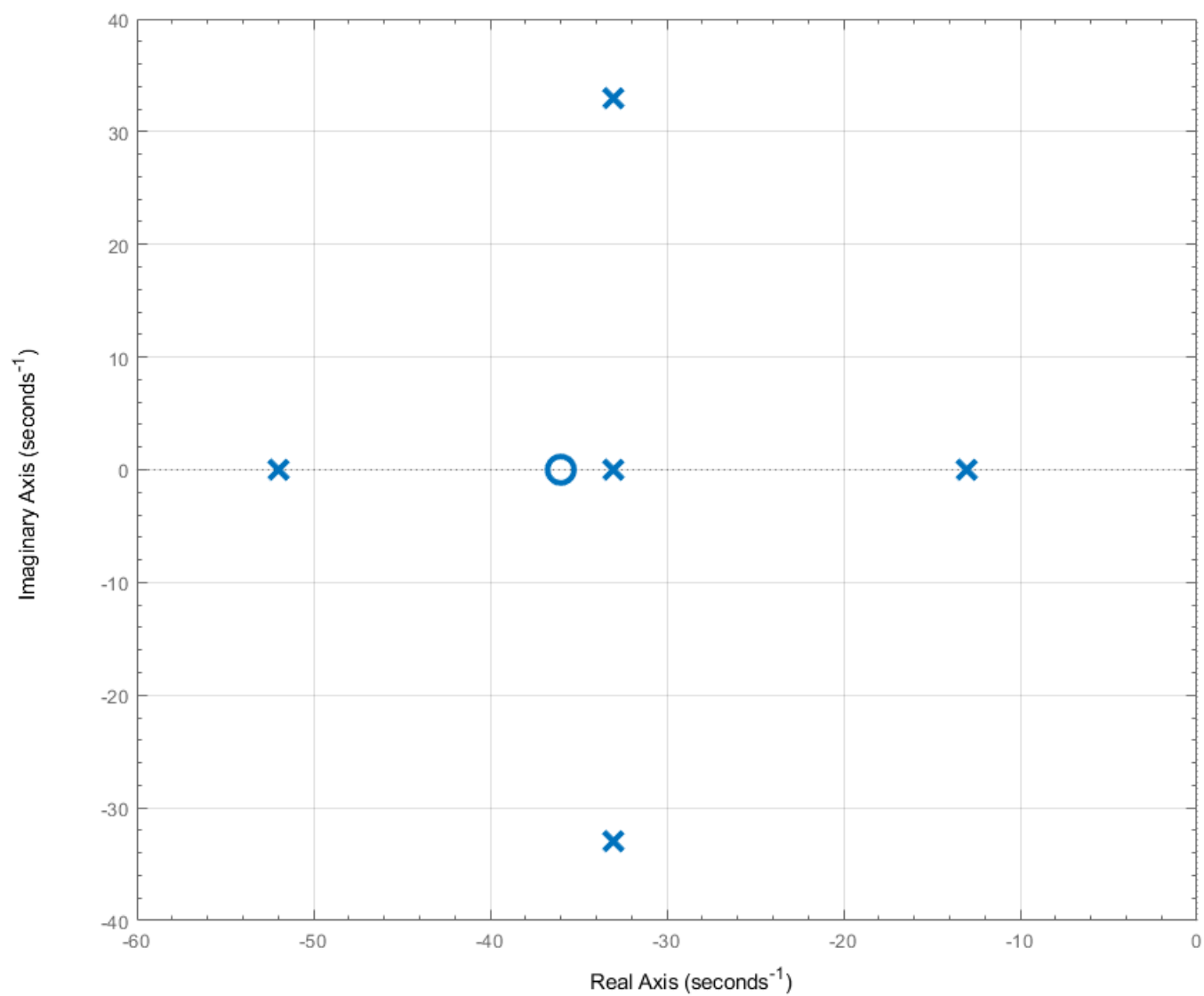


Figure 2: Pole-Zero Plot of Open Loop Transfer Function for Position

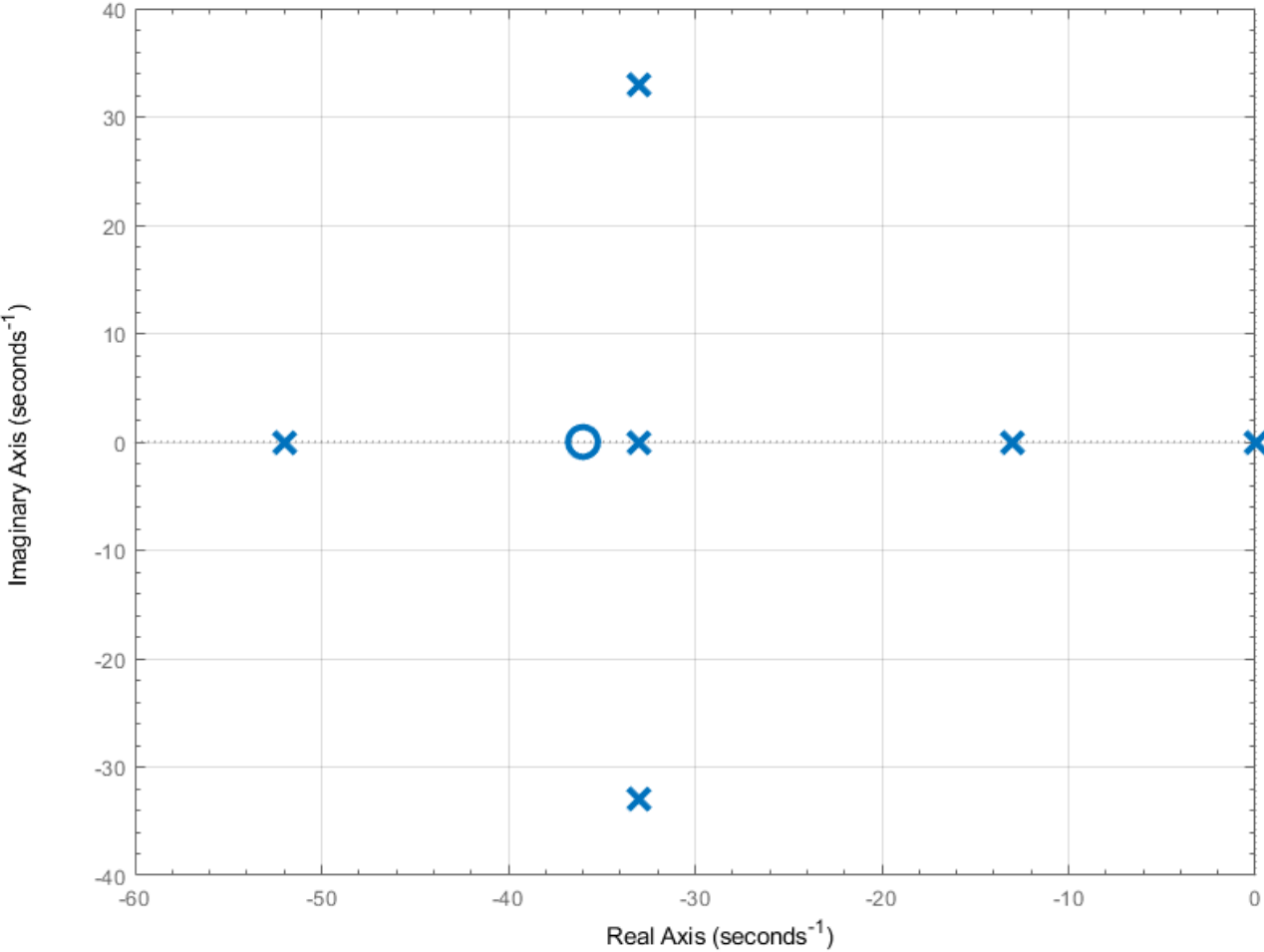


Figure 3: Step Responses of Velocity and Position CLTFs at Half Ultimate Gain

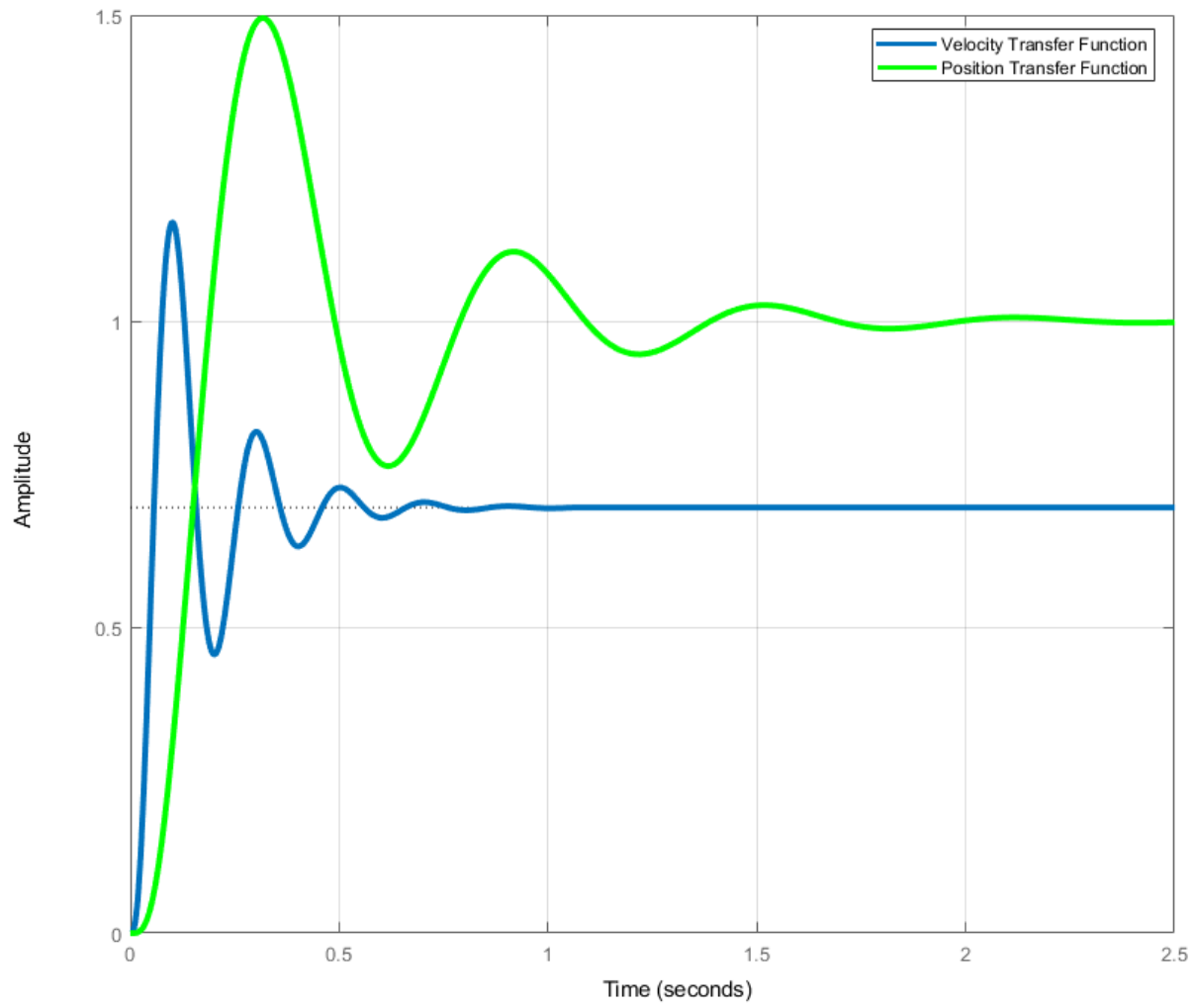
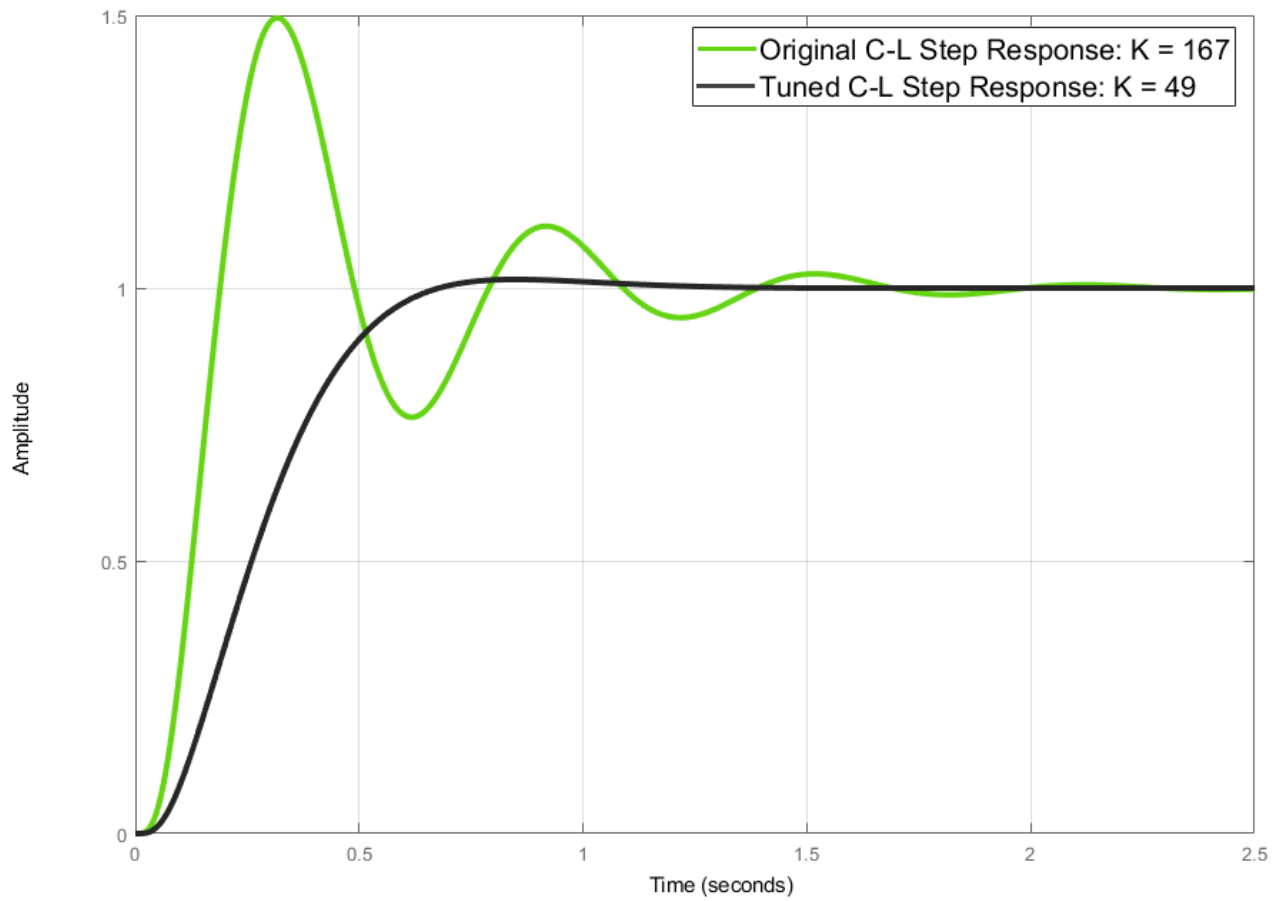


Figure 4

Tuned Response Compared to Half Ultimate Gain Response



Tuned Response Compared to Half Ultimate Gain Response

