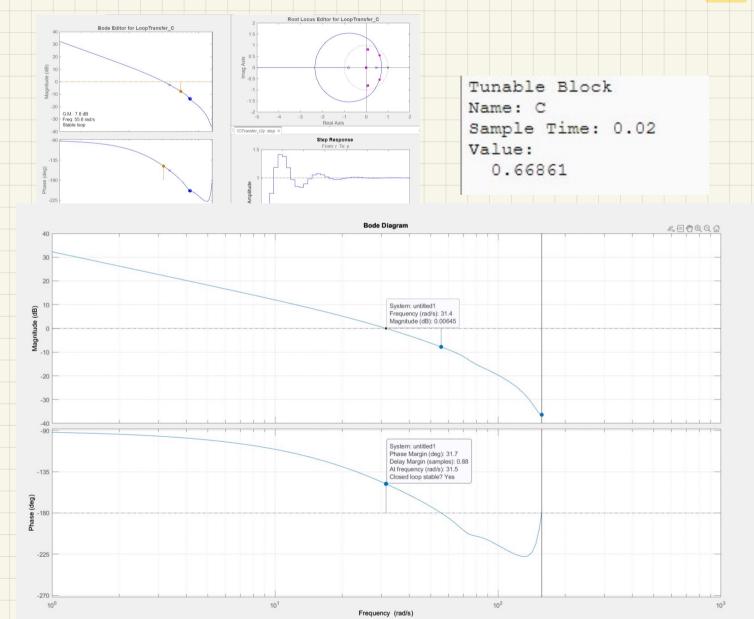
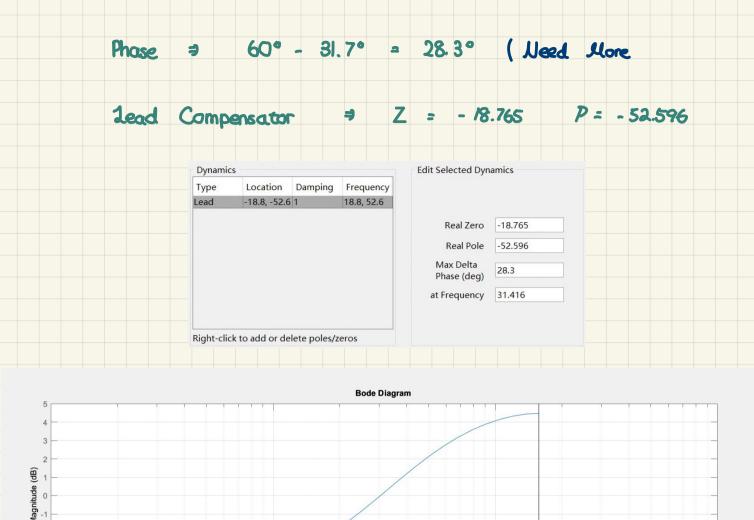
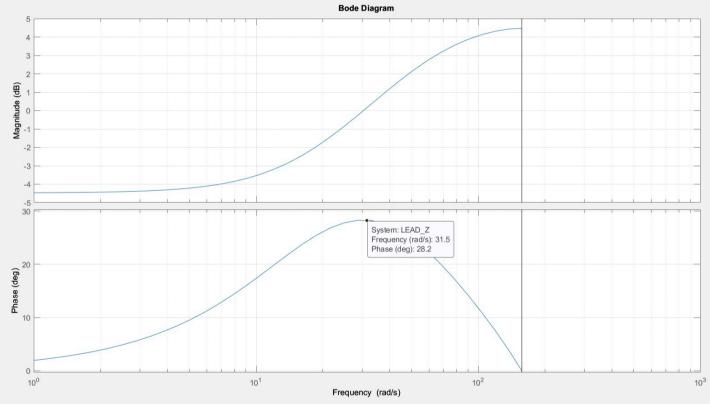
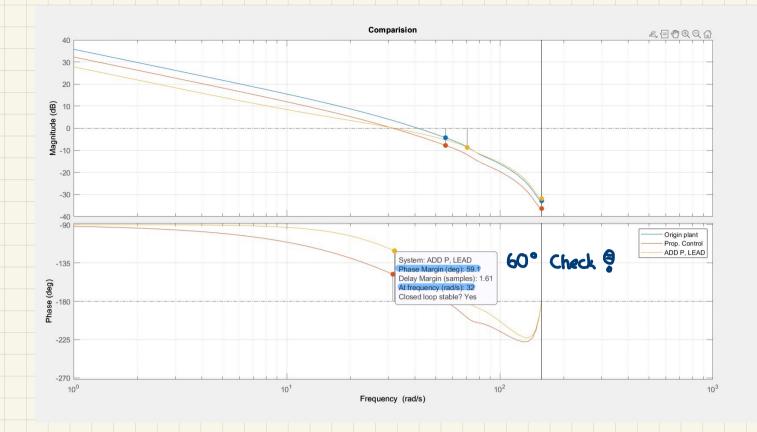


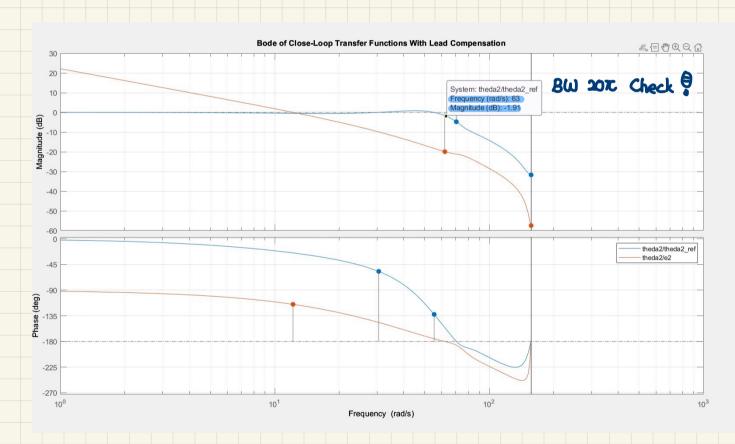
Closed-Loop bandwidth = twice the loop transfer function crossover frequency(10Pi)











%% LAG Compensator

```
figure()
LAG_s = tf([1, 2.6], [1, 0]);
LAG_z = c2d(LAG_s, Ts, 'tustin');
bode(LAG_z)
grid on
legend('Discrete Time')
```

