

EE 451: Homework 7

1. #7.1 from textbook. (**In fig. (a) replace $\pi/6$ and $\pi/3$ with $\pi/3$ and $\pi/2$, respectively. In fig. (b) replace $2\pi/3$ and $5\pi/6$ with $\pi/3$ and $2\pi/3$, respectively.**)
2. #7.2 from textbook
3. #7.5 from textbook
4. #7.25 from textbook and verify with MATLAB
5. #7.34 from textbook (you can use MATLAB)
6. #7.60 from textbook. Show the pole-zero plot and write the corresponding difference equation.