

Lab Session 01

Exercise:

Question 1:

Consider the two polynomials $p(s) = s^2 + 2s + 1$ and $q(s) = s + 1$.

Write MATLAB script to compute

- a) $p(s) * q(s)$
- b) Roots of $p(s)$ and $q(s)$
- c) $p(-1)$ and $q(6)$

Question 2:

Write MATLAB script to find the partial fraction of the following

$$\frac{B(s)}{A(s)} = \frac{2s^3 + 5s^2 + 3s + 6}{s^3 + 6s^2 + 11s + 6}$$

Write answers below this line
