

**ABUBAKAR MUNIRATU ONEHDEFOJO**

**14/ENG01/016**

**CHE 531**

**TEST**

test20.m x rootlocus.m x Assignment5.m x +

```

1 - |commandwindow
2 - clear
3 - clc
4 - close all
5
6 - g11=tf(12.8, [16.7 1], 'IODelay',1);
7 - g12=tf(-18.9, [21 1], 'IODelay',3);
8 - g21=tf(6.6, [10.9 1], 'IODelay',7);
9 - g22=tf(-19.4, [14.4 1], 'IODelay',3);
10 - Gp=[g11 g12; g21 g22]
11 - step(Gp)

```

```

Gp =

From input 1 to output...
          12.8
1:  exp(-1*s) * -----
          16.7 s + 1

          6.6
2:  exp(-7*s) * -----
          10.9 s + 1

From input 2 to output...
          -18.9
1:  exp(-3*s) * -----
          21 s + 1

          -19.4
2:  exp(-3*s) * -----
          14.4 s + 1

Continuous-time transfer function.

fx >>

```

# Step Response









