HW 2 , Problem 2b and 2c

```
A = [0 1;-25 -4];
B = [1 1;0 1];
C = eye(2);
D = zeros(2,2);
[n,d] = ss2tf(A,B,C,D,1)
[n,d] = ss2tf(A,B,C,D,2)
figure('OuterPosition', [0 50 hw_pub.figWidth hw_pub.figHeight])
impulse(ss(A,B,C,D),5)
```

```
n =

        0       1       4
        0       0     -25


d =

    1.0000    4.0000   25.0000


n =

        0    1.0000     5.0000
        0    1.0000   -25.0000


d =

    1.0000    4.0000   25.0000
```
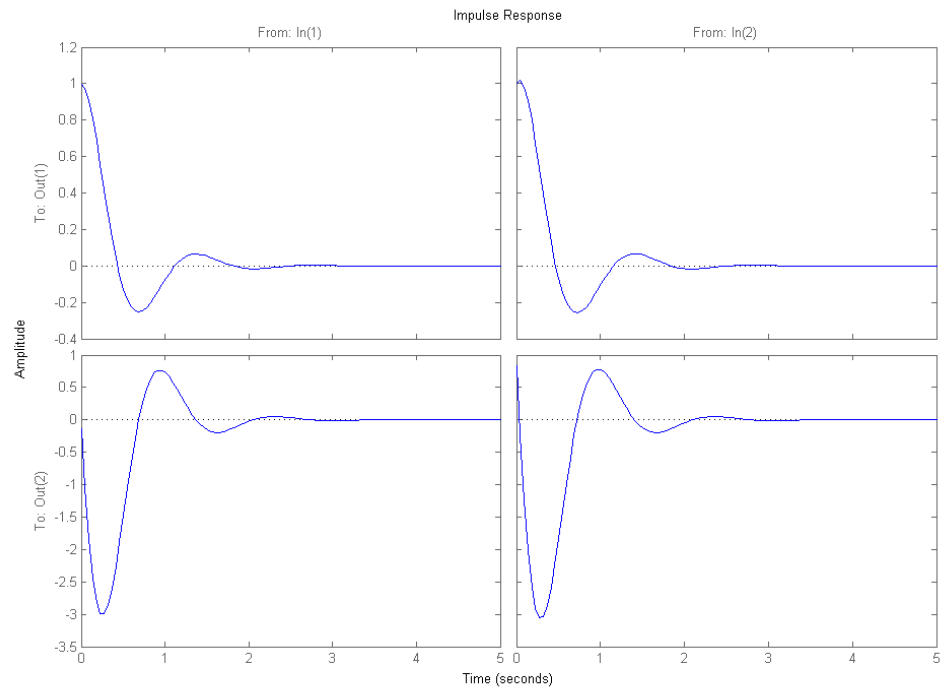
Impulse Response

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