```
A = [-0.0558   -0.9968    0.0802    0.0415
      0.5980   -0.1150   -0.0318        0
     -3.0500    0.3880   -0.4650        0
          0    0.0805    1.0000        0];

B = [ 0.0073        0
     -0.4750   0.0077
      0.1530   0.1430
          0        0];

C = [0       1     0     0
     0       0     0     1];

D = [0      0
     0      0];
```