

```
R = 2;  
L = 8e-3;  
Ka = 0.2;  
J = 1e-3;  
g = 5;
```

```
A = [-R/L, -(g+Ka)/L; Ka/J, 0];  
B = [g/L; 0];  
C = [0, 1; 0, -g];  
D = [0; g];
```

```
sys = ss(A, B, C, D);
```

```
opts = stepDataOptions("stepAmplitude", 10);  
step(sys, opts)
```

