

```

J = 0.1;
c = 6;
k = 343.77;
sys = tf(24,[J,c,k])
step(sys)

ylabel('\theta [rad]')
title('Q7.18 Step Response')

```

```
sys =
```

$$\frac{24}{0.1 s^2 + 6 s + 343.8}$$

Continuous-time transfer function.

