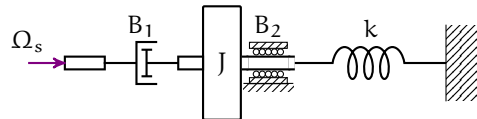


## 03.6 ss.rot State-space model of a rotational mechanical system

1 Let's try an example of a rotational mechanical system.

### Example 03.6 ss.rot-1

For the rotational mechanical system shown, find a state-space model with outputs the spring torque and moment of inertia angular momentum.



re:  
state-  
space  
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mechanical  
system





