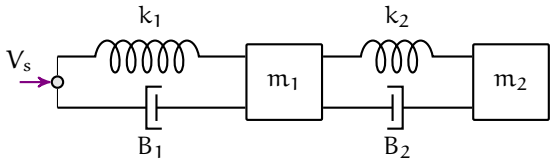
03.5 ss.trans State-space model of a translational mechanical system

1 Let's try an example of a higher-order translational mechanical system.

Example 03.5 ss.trans-1

re: state-space model of a translational mechanical system

For the translational mechanical system shown, find a state-space model with outputs the spring forces and mass momenta.