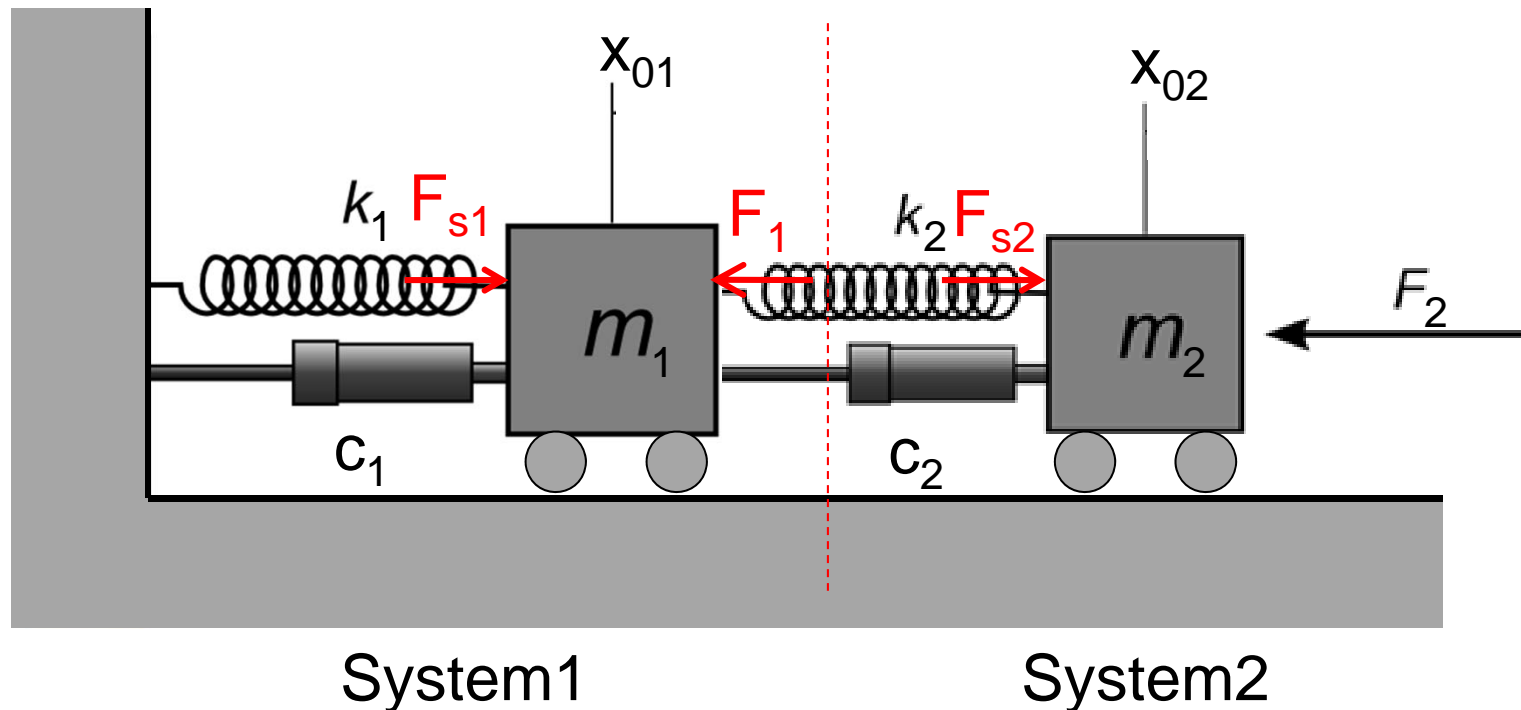


Spring-damper system



Connecting the two systems:

$$\begin{aligned} \text{System1.F} & [=] \text{System2.Fs} \\ \text{System2.x}_0 & [=] x_{02} + \text{System1.x} - x_{01} \end{aligned}$$