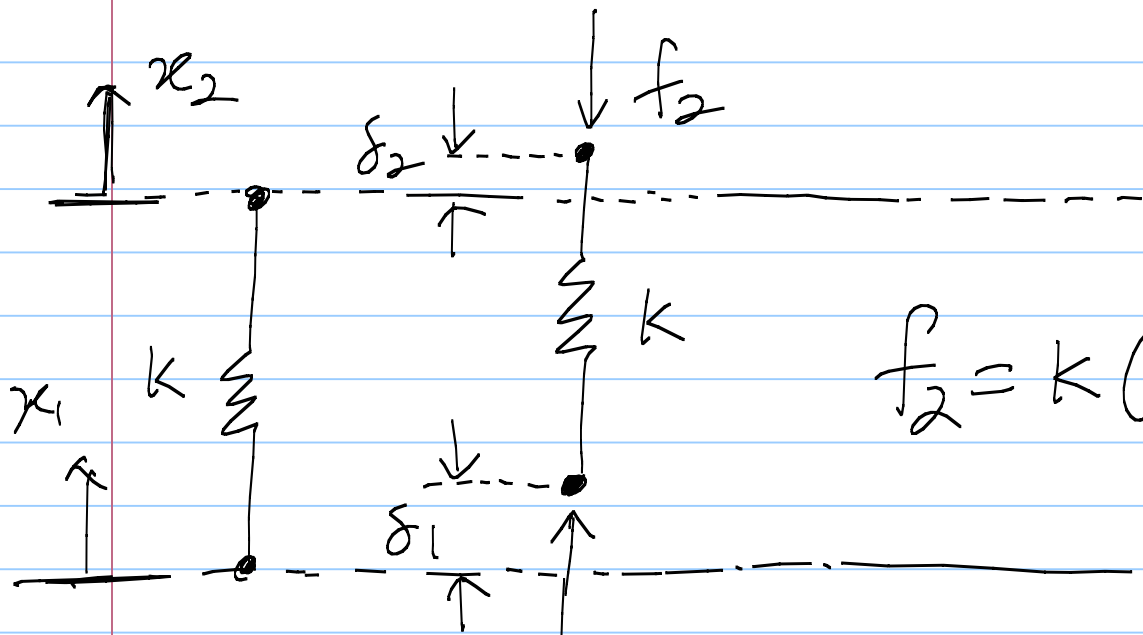


$$f_s = k(x_2 - x_1)$$

this specific moment

$$f_s = k(\delta_2 - \delta_1)$$



$$f_2 = k(x_1 - x_2)$$

Similar argument applies to the damper!

this specific moment

$$f_2 = k(\delta_1 - \delta_2)$$

Those are things you should have known before from pre-requisite classes.