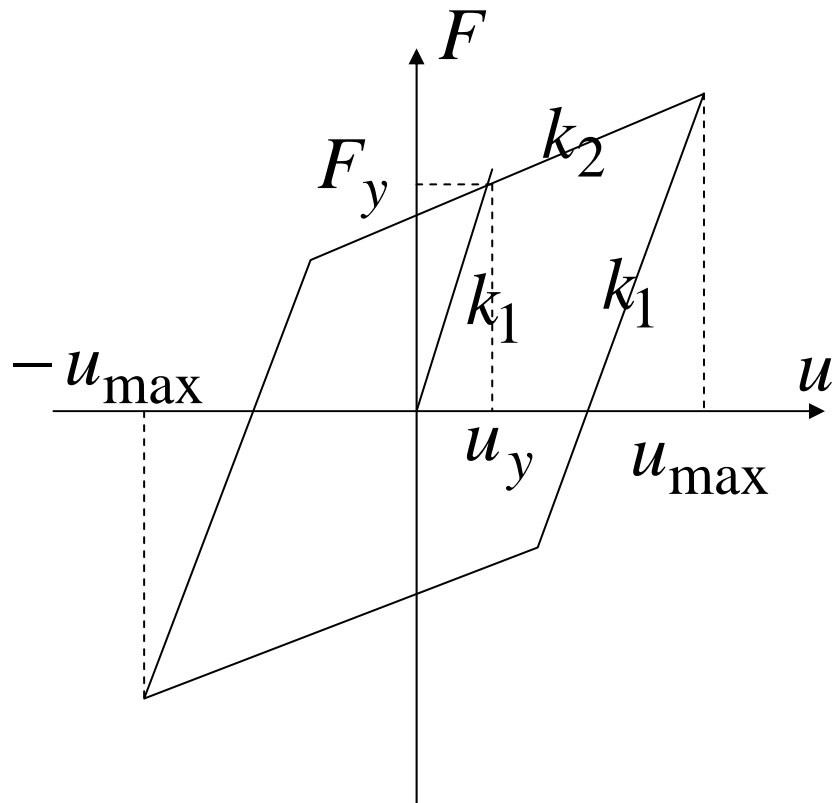


Assignment 1 Determine the equivalent damping ratio  
(November 1) Submit the report by November 22

1) Determine the equivalent damping ratio



2) What is the equivalent damping ratio if  $k_1 \rightarrow \infty$

3) What is the equivalent damping ratio if  $k_2 = 0$