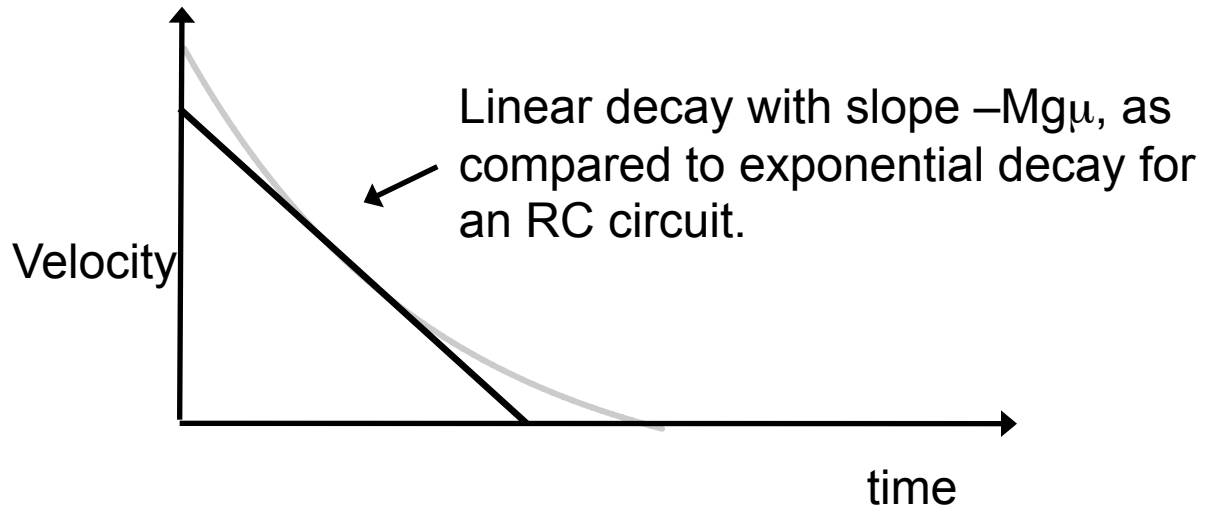


Answers (cont.)

3. Plotting the impulse response (and yes the system does have an impulse response even though it is not LTI) is quite straight forward (just use $F=Ma$). For the case where the applied impulse is strong enough to cause the block to move...



For smaller impulses, the impulse response is simply zero.