ME2302: Quiz Project # 3

1. Use Mathematica to solve problem 16 on page 201 of the textbook. Find the EOM for each block, then solve them for their respective position functions. Parametrically plot each block position (on the same plot). Look up the Graphics primitives online and create an animation of the system with sliding blocks (no need to animate the pulleys). You can also find the solution to Quiz 3 take-home from spring 2012 on the ME 3302 website linked from the main website to see an example of how to animate the block. This is worth 1 quiz grade. Due Monday 2/10/14 at the beginning of recitation. This is individual work, but you may ask colleagues general Mathematica questions. Projects without working animations can score a maximum of 75/100. Use the six step process.