Calculate the centripetal force



Calculate the weight needed to stretch the spring in the static case.

W=mg

Use (5) to compute the uncertainty, , of for each trial. Also compute the uncertainty of for each, which follows from (6):

*W* *=* *(**M)* *g* *,*

Clearly display the quantities and for each trial in a *neat* *results* *table*. On a

single one-dimensional graph, plot and label the intervals for each tension. Use points and error bars. Separate the intervals by slightly displacing them vertically from each other.

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