Physics 207 - Lab 4 - Centripetal Motion

section number: GH1

bench number: 02

Today's date: Monday 24th of October 2016 08:42 PM

Name 1: Lior Agaronov

Name 2: Hasibul Islam

Name 3: left blank

Lab Instructor: Amol Deshmukh

Proposed Experiment

Our plans: - As the first step, we have to obtain the mass of the bob, which we found out to be m=447g or, in SI units, m=0.447 kg. - The next step was to measure the radius for our circular motion in the setup that was given in the lab, which came out to be r=16.m cm or, in SI units, r=0.165m. Next step we had to figure out the circumference of the circle, which circular motion in the setup that was given in the lab, which came out to be r=16.m cm or, in SI units, r=0.165m. Next step we had to figure out the circumference of the circle, which is is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2*pi*r or C=1.0367 m. - Then we used the setup to make one full spin of the bob at a certain speed, and came up with a time that it takes to do one full spin, which is equal to C=2

Lab instructor's initials: