Please type your group’s models and the values for the CVs in the appropriate boxes below. Be sure to include units underneath the equations for all coefficients and constants.

|  |  |  |
| --- | --- | --- |
| **Group** | **Model**  **(from Lab 03)** | **CVs for Model** |
| 1 | T = 2.001L0.4995 | Mass of pendulum (0.09 kg), angle of release (20˚ ), environment of experiment, and materials for pendulum. |
| 2 | T = 2.004L0.5016 | Mass of Pendulum (0.05 kg)  Angle of Release (15°)  The environment of the experiment.  The other materials used for the Pendulum. |
| 3 | T =1.9609L0.4957 | Mass of Pendulum (.05 kg)  Angle of release (20°) |
| 4 | T= 2.0075(L)0.4957  Units: T (period, (s)), L (LOS, (m)) | Mass of pendulum: (.05 kg)  Angle of release: 20  The environment of the experiment; materials used for the pendulum |
| 5 | T = 1.9966L0.4974 | Mass of Pendulum (0.05kg)  Angle of Release (10°)  Environment of the Experiment  Materials used for the pendulum. |
| 6 | T=2.0037L0.4988 | Mass of Pendulum: 0.9 kg  Angle: 10 degrees  material of the pendulum  same testing environment |
| 7 | T=2.0012L0.4995 | Mass of Pendulum : 0.9 kg  Angle: 20 degrees |