Controls:

You may set the initial time for the parametric equation evaluation by entering a value in this box:

paste_0_1.tiff ¬

Similarly, you can enter the time-step in the *time-step* box:

paste_8.tiff ¬

If you want to see the x/y axis,   press the Axis button:

paste_7.tiff ¬paste_2_2.tiff ¬

The optimum initial x/y scales are calculated for you after you define your equations. However, you may also change the scale by dragging the slider inside the scale-selecting

box:

paste_9.tiff ¬paste_1_2.tiff ¬

For a larger scale, you can select the *x10* button. The scale selected is shown on the text field above the slider. The default unit for the scale is meters.

There are different options that you can display your equations. You can show the velocity/acceleration vectors, circle of curvature and center of curvature of the trajectory by clicking the buttons below:

paste_10.tiff ¬paste_4_2.tiff ¬

paste_24.tiff ¬

The position at any time will be shown on the table below:

paste_11.tiff ¬paste_6_2.tiff ¬

Instructions to control the equation display:

paste_12.tiff ¬

Once you are ready to view the parametric equations, you may click "start" to view the trajectory. Likewise, you can also click "step" to single step with the time increment. You can also click "stop" at any time to freeze the equation viewer. When you click "init", the time will be reset to zero.