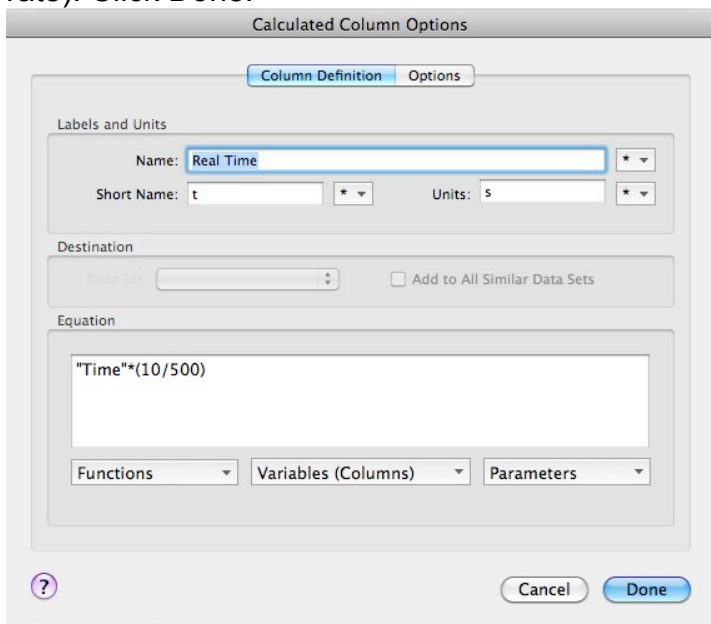
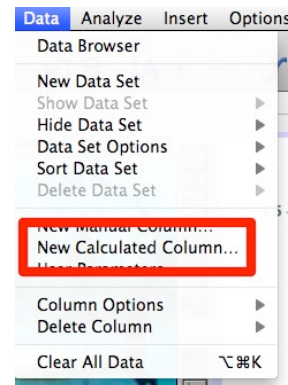


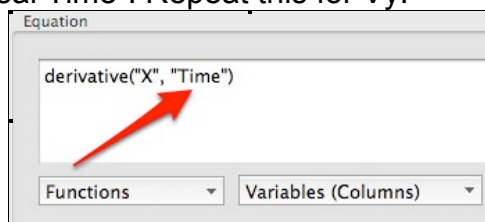
High Speed Videos in Logger Pro

Computer file frame rate vs. real frame rate – The computer file will have a frame rate that was not the rate at which the video was shot. We need to create a new column to adjust this. The video files I create are at 10 frames per second regardless of actual frame rate.

- Open Logger Pro and do video analysis (set your scale and place your points)
- In the Data Menu Select “New Calculated Column”
- Fill in the Name, Short Name, and Units Boxes appropriately.
- Click into the Equation Box. Select “Time” From the Variables and multiply by the (file frame rate/actual frame rate). Click Done.



- Now we need to fix the Velocity Columns in the data table. Double Click on Vx in the data table. In the Equation Box change “Time” to Your New Column. In mine I used “Real Time”. Repeat this for Vy.



- Now your graphs should be correct.