

Figure 1 Deltat vs Error.  
The Blue Squares represent Euler error while the red circles represent RK4 error

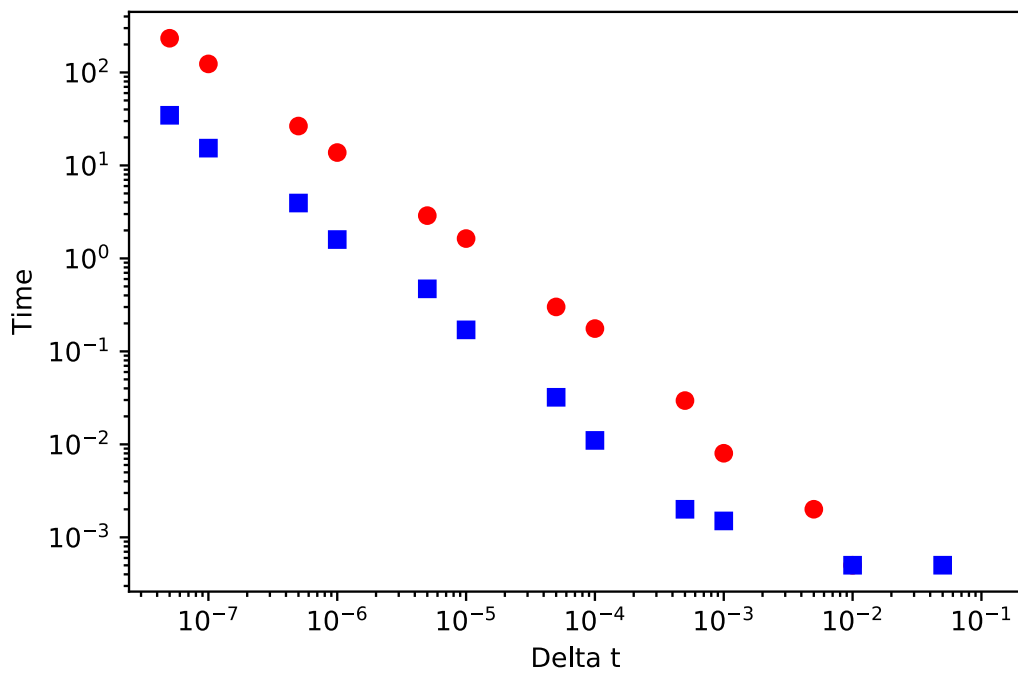


Figure 2 Deltat vs Run Time.  
Log Log plot of the time it takes to run the algorithms at different time intervals