

Physics 480: Homework #1  
Due August 29, 2010  
5 points

1. (5 points) A membrane protein undergoes free diffusion in 2D with  $D=0.1 \mu\text{m}^2/\text{s}$ . Make a short MATLAB script that generates and plots a 10 second trajectory. Set your name as the title of the figure. Submit a 'PNG' of your figure and your 'm-file' via e-mail.