Shannon Moran

Math 671

HW 1

Due: 1/26/17

**Problem 0**

Hi! I’m Shannon Moran, a 2Y PhD candidate in Chemical Engineering.

**Academic background**: I did my undergrad at the Massachusetts Institute of Technology in Chemical Engineering. This is my first grad-level math class here at Michigan.

**Lab and research interests**: I’m advised by Professor Sharon Glotzer. My research interests are in the role of particle anisotropy on collective particle behavior in non-equilibrium (“active”) systems. I use HOOMD-blue for all my simulations, and am hoping to get a more rigorous grounding in simulation methods (why some are more computationally costly than others, etc.) in this class this semester.