Math 490   Capstone Weekly Report   Week Number: 4

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My goals for this week were to:

1. Create/find visuals for the multi-output FFL and the flagella motor: graphs of the simulation results, visual of process and/or actual flagella motor.

2. Type up rough draft of the case study portion of my paper.

3. Create rough draft of the case study portion of my presentation.

I made the following progress on these:

I finished all of my goals. The rough drafts of my paper and my presentation are only missing their conclusions. I had originally intended on modeling a Markov decision process as well to complement the transcription network (one is continuous and deterministic and the other is discrete and nondeterministic) but I'm at 36 pages for my paper and should probably wrap it up. I sent an email to Dr. Menendez this morning asking for guidance.

I have the following questions and concerns I want to discuss with my capstone advisor:

I want to talk to her about whether I should stop where I'm at and start editing for the final draft. If that's what I decide to do, then I'd like to start editing.

Some tentative goals for the coming week are:

1. Figure out what I'm doing.