

Name: Daniel Sinderson

Please fill out this form, save it as a PDF, and upload it to Moodle.

My goals for this week were to:

1. Feel better.
2. Look around to see if someone else has already solved my coding problem. If not, solve it.
3. Write some more of my paper. Revise my summary and turn it in.

I made the following progress on these:

I feel better and I wrote and turned in my project summary. I looked around at available libraries in some languages I know and found one that's feature complete for my use case that's written in Julia. While I'm more comfortable writing code in Python, the existence of the library and the way Julia supports easy interoperability between modules (like its modules for differential equations) will make switching languages for the project worth it.

I didn't add to my paper at all.

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

None right now. Our last meeting for the term was yesterday.

Some tentative goals for the coming week are:

At a minimum, I want to write the section on universal properties. If possible I'd like to write up the section on comparing categories as well.