

At this stage you should have picked out a topic and have it approved by me. Here are the details of what we've discussed in class as the requirements for the project.

You will give a short presentation (20 minutes) during the last three class meetings (April 30, May 2, and May 5). The presentation is worth $\frac{1}{4}$ of your project. In the presentation, your job is to share with the group the big picture of what you explored and what the highlights are. There isn't a lot of time in 20 minutes to present, so you will want to carefully plan in advance what you want to say. I can help provide any presentation needs (overheads, computer projector) if you desire.

The component to be handed in (worth $\frac{3}{4}$ of the project) will consist of the equivalent of a paper of at least 6 and no more than 10 double spaced 12pt font pages. In it you will present what you learned about your topic. Think of it as a chance to encapsulate what you learned or discovered. Your paper should state at least one relevant theorem, though you need not prove it. (Even the historic papers should have no trouble finding an association with a clear mathematical statement). You must also give a separate list of references at the end of the paper. If your project has a significant non-written component (physical models, software, etc) it may be possible with my approval to modestly reduce the paper length.