

# Extra Credit Assignment

Due: Monday, December 5th

This assignment will be due the day of the final, and for completing this in a satisfactory fashion I will add up to 10% to your final exam score.

You will choose a model or an extension of a model that we have not discussed in class, and you will write up a report describing how this model or extension works.

Here are the instructions. First, read through the book and get an idea for what model or extension you wish to investigate further. Second, **you must set up an appointment with me to go over your project**. Failure to complete step two will result in **no** extra credit assigned. In this meeting we will discuss your project proposal and I will give you more explicit instructions on what to write up and how to do it. (Example: I may tell you to calculate with specific values, or make certain diagrams, or to do certain book problems.) Thirdly, you must either type up your results or write them down neatly. You should treat this like a report and not like a homework assignment. I will take off points for sloppiness and large swaths of erased/crossed-out work.

In general, you should be trying to explore the model that you are assigned; bonus points will be awarded for creativity and complexity. If you do the bare minimum with the things I assign you, I may not give very many points.