

Math 290
Potential Presentation Topics

Note: The following list is meant to give you some ideas about potential presentation topics. As stated on the course information sheet, you are expected to do an in-class presentation taking approximately 25 minutes later this semester. You should select a topic of interest to you either from this list, or another topic that we discuss. You must choose your topic **NO LATER THAN** Tuesday, April 5th. You should inform me of your choice of topic by email (do this even if we have talked about a potential topic previously – I want to know for certain what your topic is). If two people want the same topic, the first person to email me with a request get the topic.

Topics:

1. The “multirow” package (adds functionality that allows you to make multiple tables more easily, plus other features)
2. The “subfig” package (allows you to combine more than one image into a single figure, plus a few other new options)
3. The “algorithm2e” package (a package that allows you to create algorithmic programs within \LaTeX).
4. The “booktabs” package (a package that adds commands that change the visual appearance of the tables created in \LaTeX).
5. The “geometry” package (defines commands that give you many new and easy to use page layout options).
6. The “fancyhdr” package (allows you to define a headers and footers at the top and bottom of a multi page document).
7. The “xy-pic” package (defines commands for adding algebraic diagrams and some graphs to a document).
8. The “MusixTeX” package (allows you to typeset sheet music in \LaTeX).
9. The “skak” package (allows you to typeset chess using \LaTeX).