

Math 6833 assignments

1. Start thinking about how you might use computing in your current research or area of research interest. The goal is to come up with a project or projects that you might work on this semester so that you can work on developing the skills that we will be learning about (and perhaps accomplish some research at the same time). Start by finding out about the software that is being used in your field of interest. Talk to people you know who might have information (e. g. Professors Brady, Murphy). Look for information on the internet. For example, these people might be interested in the following links on our course website links page:

Algebraic topology (Quan, Vera): GAP, Kenzo, Simplicial Homology

Geometric group theory (Antara, Quan, Taralee, Tim): GAP, Magnus

Mathematics education (Jana, Quan): GAP, Mathematica, Octave

Topology (Arim, Quan, Sangbum, Vera): Haskell, GAP, Computop.org

Email me any other links that you find that you think might be useful to others. I will try to build up a good collection on the links page.

2. Spend a little time looking at some of the instructions for the 8051 processor (the link is on our links page— go to that address and get the pdf file).