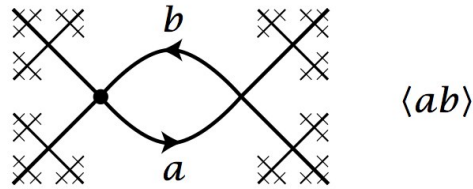


Course Announcement for Spring 2012
Math 532 – Algebraic Topology (3 credits)
MWF at 12:10



It turns out that algebra is a very powerful tool in understanding topological spaces. This course begins to investigate techniques for how this can be done. In particular, we will learn about homotopy, fundamental groups, covering spaces, and homology groups.

The course will be taught in a traditional style, as opposed to my fall topology course. I will assume that you have some experience with elementary group theory and basic topology, eg. continuous maps, compactness, connectedness, etc.

I will teach from Allen Hatcher's book, *Algebraic Topology*.

<http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

Be sure to let me know if you have any questions or requests. I hope to see you in the spring!

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