

# MAT 566: Differential Topology

## Presentation: Schubert Calculus

This should be based on Vakil's slides, the notes posted in the schedule table on website, and/or the Griffiths&Harris pp194–197. You should talk about computing intersections of Schubert cycles on complex Grassmannians (geometrically and formally) and what this has to do with:

*How many lines pass through 4 lines in 3-space?*

On Tuesday, 02/20, I will describe Schubert cells for real Grassmannians.

If you choose to do this presentation, you should stop by my office at some point to talk about the topic.