

Math 611-008: Independent work in Mathematics

POT 739

Wednesday at 11AM

Faculty member: Kate Ponto

Student: Bill Robinson

For the first part of the semester Bill will read the sections of *Algebraic Topology* by Allan Hatcher on homotopy theory. This is an introduction to many aspects of the field and we will use this to choose a topic among those introduced for him to study more deeply. Possibilities include operations on stable homotopy groups of spheres, Brown representability, Hopf fibrations, as well as many others.

February 10, 2012