



"YOU WANT PROOF? I'LL GIVE YOU PROOF!"

MAT 464 – Introduction to Abstract Algebra Part 2

In this class, we'll take abstract algebra to the next level. We'll discuss how the solution sets of polynomials naturally come equipped with symmetries in the form of a group action. We'll work with groups, rings, and fields, and the course will eventually culminate in the Main Theorem of Galois Theory. In creating abstract number systems and examining their unexpected structure, we will be exploring the fundamental nature of arithmetic.

MWF 8:00 – 8:50, Jenness 106

Instructor: Gil Moss

