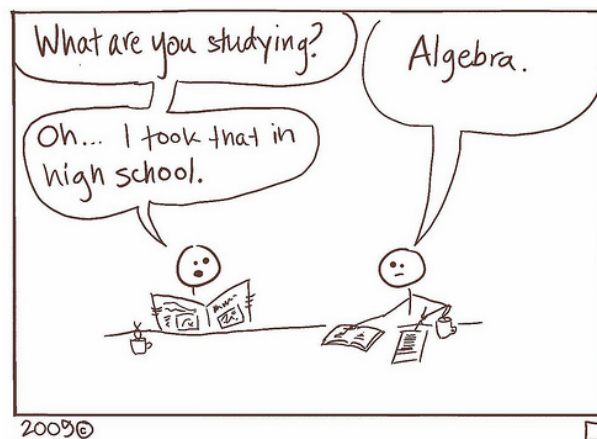


Math 464 – Introduction to Abstract Algebra II

Instructor: Matthew Bates, matthew.bates1@maine.edu

When: MWF 13:00-13:50

Groups were just the beginning. In this course we will examine more complex algebraic structures (rings and fields) and culminate with Galois theory. There is some really cool maths here – it is abstract but has surprisingly concrete applications, like ruler and compass constructions and solving polynomial equations.



"There is no branch of mathematics, however abstract, which may not some day be applied to phenomena of the real world."

- Nikolai Lobatchevsky

"In real life, I assure you, there is no such thing as algebra."

- Fran Lebowitz

Two conflicting schools of thought. To which do you subscribe?