

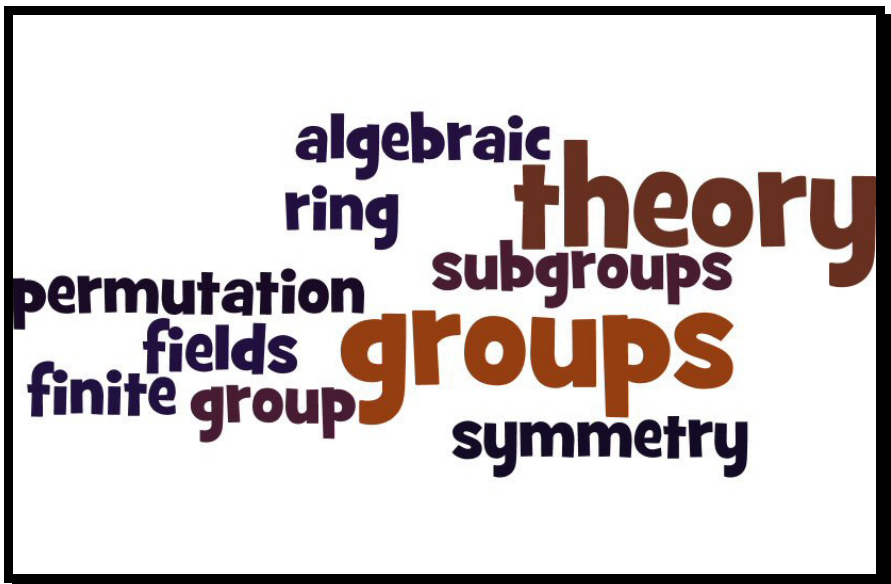


### **Emmy Noether (1882-1935)**

Emmy Noether was a German mathematician known for her groundbreaking contributions to abstract algebra and theoretical physics.

## **Chapter 6 Algebra**

- Section 6.1 Symmetries and Algebraic Systems
- Section 6.2 Introduction to the Algebraic Group
- Section 6.3 Permutation Groups
- Section 6.4 Subgroups: Groups Inside a Group
- Section 6.5 Rings and Fields



"The power of mathematical invention is not reasoning but imagination."

... Augustus de Morgan