

MATH 313

“Abstract Algebra II”

1. The Fundamental Theorems
2. The Jordan-Hölder Theorem
3. Sylow Theorems
4. Definition and Elementary Properties of Rings

Books:

1. Theory of Groups, by Macdonald
2. Fundamental Concepts of Modern Mathematics, by Max D. Larsen
3. Introduction to Modern Abstract Algebra, by Burton
4. مقدمة حول نظرية الزمر، تأليف د. عادل غسان، د. باسل الهاشمي