

Algebraic Structures II

This is a second module in algebraic structures, covering group theory. There will be abstract thinking and proofs but also an emphasis on examples. The module includes the basics of group actions, finite p -groups, Sylow theorems and their applications, and the Jordan-Hölder theorem. Some of the ideas in group theory are parallel to those first encountered for rings in Algebraic Structures I.

View Online



1.

Cameron, Peter J.: Introduction to algebra. Oxford University Press, New York (2008).

2.

Ledermann, Walter, Weir, Alan J.: Introduction to group theory. Longman, Harlow (1996).