

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. 2nd ed. New York: : Oxford University Press 2008.

<http://ezproxy.library.qmul.ac.uk/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=QMUL&isbn=9780191566226&uid=^u>

2

Ledermann, Walter, Weir, Alan J. Introduction to group theory. 2nd ed. Harlow: : Longman 1996.