

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



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@book{Cameron, Peter J._2008, address={ New York}, edition={ 2nd ed},
title={ Introduction to algebra}, volume={ Oxford mathematics},
url={ http://ezproxy.library.qmul.ac.uk/login?url=http://www.vlebooks.com/vleweb/product/
openreader?id=QMUL&isbn=9780191566226&uid=^u}, publisher={ Oxford University
Press}, author={ Cameron, Peter J.}, year={ 2008} }
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@book{Ledermann, Walter_Weir, Alan J._1996, address={ Harlow}, edition={ 2nd ed},
title={ Introduction to group theory}, volume={ Longman mathematics series},
publisher={ Longman}, author={ Ledermann, Walter and Weir, Alan J.}, year={ 1996} }
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