Honours algebra

D: Functions

injections, surjections and bijections

D: Abelian groups

D1.2.1(i): Fields

A field F is a set equipped with addition and multiplication.

D1.2.1(ii): Vector spaces

L1.2.2

L1.2.3

L1.2.4

really obvious stuff

D: Cartesian products

D1.4.1: Vector subspaces

P1.4.5: ???

? subset subspace

D1.4.7: Generating set

D1.4.9: Power sets

D1.5.1: Linearly independent

D1.5.8: Basis

T1.5.11: ???

T1.5.12: ???

C1.5.13