M1J1 Summary Notes

JMC Year 1, 2017/2018 syllabus

Fawaz Shah (original notes by Dr Berkshire and Dr Lawn)

UNDER CONSTRUCTION

The structure of this document is split since the two parts were taught by different lecturers.

Note that the exam will probably require you to PROVE some of these theorems, so you should refer back to the original notes for the proofs.

Boxes cover content in more detail. Titles of some theorems are given in italics.

Contents

Part I.
Applied Methods

Part II.
Linear Algebra

1. **Definitions**

2. **Theorems**