



Summary of week 1 (lectures 1, 2 and 3)

These three lectures covered most of Chapter 1 of the lecture notes [Vector Space Theory](#) (which you can purchase from [KopyStop](#)).

Pages 8, 9 and 10 were not lectured on, but students are urged to read them. The examples on pages 13, 14 and 15 were also omitted.

Some of the material in §2a was also lectured on in Week 1. The rest of §2a and §2b will be left for students to read privately, since it is mainly revision of work covered in first year. Section §2c will not be included in the course.

The vector space axioms (Definition 3.2) and Example #6 on p. 54 were also covered in Week 1.