

**Week 8**      Field extensions, splitting fields, separable polynomials  
Jacobson I: 4.1, 4.3, 4.4

1. Jacobson I 4.1.1
2. Jacobson I 4.1.5
3. Jacobson I 4.1.6
4. Jacobson I 4.1.7
5. Jacobson I 4.1.9
6. Jacobson I 4.3.2
7. Jacobson I 4.3.4
8. Jacobson I 4.4.1
9. Jacobson I 4.4.2