

MAT224 KOMMUTATIV ALGEBRA FORELØPIG PENSUMLISTE HØSTEN 2017

M.Atiyah, I.G.Macdonald: Introduction to commutative algebra

- Kapittel 1-4
- Kapittel 5, Integral dependence, Going up
- Kapittel 6-8
- Kapittel 9.1
- Kapittel 10, noen deler
- Kapittel 11

Nils Lauritzen: Concrete abstract algebra, Cambridge University Press

- Kapittel 5: Gröbner bases

STØTTELITTERATUR:

Miles Reid: Undergraduate commutative algebra, vol. 29, Cambridge University Press, 1995

Cox, Little, O'Shea: Ideals, varieties and algorithms, Undergraduate texts in Mathematics, 4.edition, Springer, 2015 : Chapter 1. Can be downloaded as e-book from the university library in Bergen.

28/8-17, Gunnar Fløystad