

Commutative Algebra Problem List

Last Edited on 12/29/25 at 18:01

Anakin Dey

These problems come from Prof. Anderson. There is a very low likelihood we get through all these problems.

Chapter 1

1, 2, 5, 7–10, 12, 15, 17–22

Chapter 2

1, 2, 3, 8, 11, 12, 14–18, 20

Chapter 3

1, 3, 4, 5, 7, 8, 9, 12, 13, 15, 16, 17, 19, 24

Chapter 4

4, 5, 7, 10, 12, 13

Chapter 5

1, 2, 3, 8, 9, 11, 12, 14, 16, 17, 20, 29, 30, 31, 33

Chapter 6

1, 2, 8, 9

Chapter 7

1, 4, 5, 8, 11, 12, 14, 15, 16, 17, 18, 26, 27

Chapter 8

2, 3, 4, 6

Chapter 9

1, 3, 5, 9

Chapter 10

1, 2, 3, 4, 9, 10, 11

Chapter 11

1, 3, 4, 7