

1 Reading

In *A T_EXas Style Introduction to Proofs*, read section 4.9, the introduction to chapter 5, and Section 5.1 up to Exercise 5.18

2 Response

Answers to these should be written down and turned in in class.

1. The notion of spacious set is probably new. Unlike other notions the book has introduced, this is (under a different name) an important definition. Do Exercise 4.130, and then try to think of some examples and non-examples. In particular, you'll benefit later if you have some different "types" of examples and non-examples around—once you have some examples and non-examples, try to think of other, different looking sets, and ask whether or not they're examples.

3 Exercises

You should bring solutions to these to class and be prepared to present them.

1. Statement 4.127
2. Exercise 4.129
3. Exercise 5.8
4. Exercise 5.9

4 Homework Problems

Due Thursday, March 19th

1. Statement 4.133
2. Challenge 4.134
3. Challenge 4.135