MATHEMATICS 300 — SPRING 2019

Introduction to Mathematical Reasoning

H. J. Sussmann

HOMEWORK ASSIGNMENT NO. 7, DUE ON WEDNESDAY, APRIL 17, FOR SECTION 9, AND ON THURSDAY, APRIL 18, FOR SECTION 2

Recommended problems for you to practice: All the problems that are in the Lecture Notes, Part III. I specially recommend Problem 9, which is quite long (60 questions) but consists of lots of short questions each one of which has a good chance of showing up in the exams.

If it worries you that this is too much work, I point out that (a) it's only 50 problems, which is not that much, (b) I am not asking you to hand in all of them, (c) you don't have to do them if you don't want to, but the more problems you do the more you will learn, (d) the best way to practice with these problems is to do as many as you can and if you cannot figure out how do a problem ask the instrucctor, who will be glad to help you, (e) the only way to learn the material of a serious course is to practice a lot, and (f) this ***is*** a serious course,

List of problems for you to hand in: The following problems from the Lecture Notes, Part IIIL Problem 21, 22, 26, 27, 28, 29, 30.