

Dror Bar-Natan: Classes: 2004-05: Math 1300Y - Topology:

Homework Assignment 4

Assigned Thursday November 4; due Thursday November 25, 3PM, in class

Required reading. Read, reread and reread your notes to this point, and make sure that you really, really really, really really really understand everything in them. Do the same every week! Also, read Munkres' sections 31, 32, 33, 35, 43, 44 (for fun), 45, 48 and 49.

Solve the following problems. (But submit only the underlined ones). In Munkres' book, page 199 problems 2, 7a, 7b, 7c and 7d (for fun), page 205 problems 3 and 5, pages 212–213 problems 3 and 7, page 271 problems 8 and 10 and page 299 problems 2, 3, 4, 6 and 8.