

MATH 151C HOMEWORK 1

Milnor–Stasheff: 1-A, 1-B(b), 2-B, 2-C

- (1) Write a brief mathematical autobiography (a few sentences is fine). Indicate your background and comfort level with the following topics:
 - (a) smooth manifolds;
 - (b) cohomology (singular, simplicial, cellular, de Rham);
 - (c) Poincaré duality;
 - (d) vector bundles.

Why are you taking this course, and what do you hope to get out of it?