

Homework 1

Due: Jan 24

1. Milnor-Stasheff: 2-A
2. Milnor-Stasheff: 2-B
3. Milnor-Stasheff: 2-C
4. Milnor-Stasheff: 2-E
5. Show that the tangent bundle of $S^2 \times S^1$ is trivial.
6. Milnor-Stasheff: 3-E (Tensor product operation is defined similar to Whitney sum, replacing direct sum of vector spaces with tensor product.)