

MTH 516/616: Topology II

Practice Assignment III

Comology and Homotopy theory

1. Try the following problems from Section 3.1 (Pages 204-206) of Hatcher: 3, 6, 8, 9, 11, and 12.
2. Try the following problems from Section 3.2 (Pages 228-230) of Hatcher: 1, 3, 5, 7, 8, 11, 16, and 18.
3. Try the following problems from Section 3.3 (Pages 257-260) of Hatcher: 1-11, 16-22, and 25-26.
4. Try the following problems from Section 4.1 (Pages 358-360) of Hatcher: 2, 4-9, and 11-12.