MATH 440-3: HOMEWORK 8, DUE ON MAY 24

1. Hatcher 2.2.9.
2. Hatcher 2.2.10.
3. Hatcher 2.2.19. Do also the calculation for homology of $\mathbb{C}P^n/\mathbb{C}P^m$.
4. Hatcher 2.2.2.
5. Hatcher 2.2.3 (for second part, notice that $F$ restricted on the boundary of $D^n$ induces a natural map $\mathbb{S}^{n-1} \rightarrow \mathbb{S}^{n-1}$).