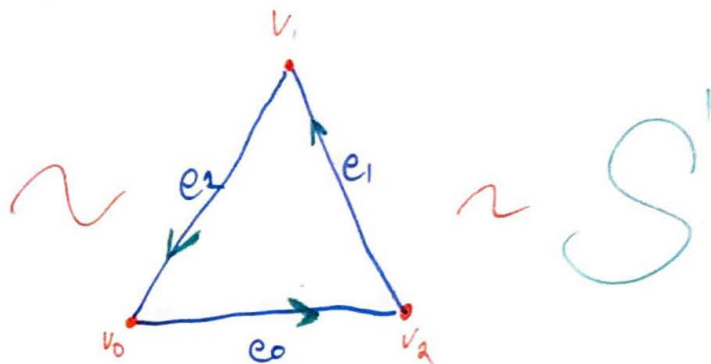
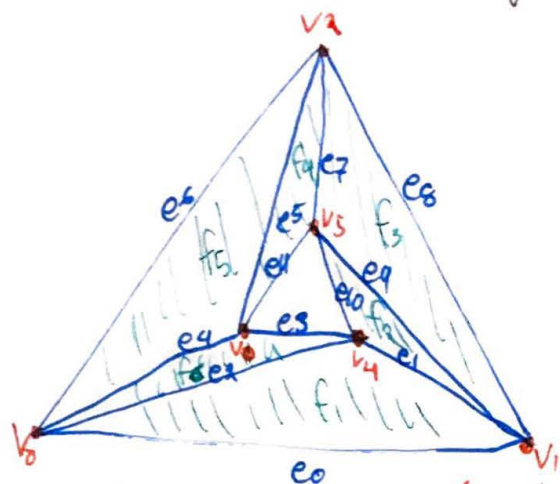


Algebraic Topology

Homework 6

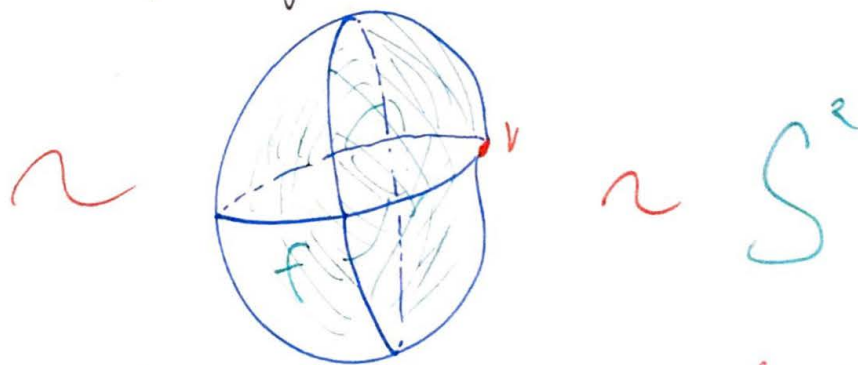
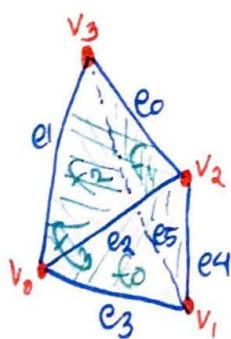
Ricardo J. Queiroz

1. Draw a Δ -complex for the annulus.



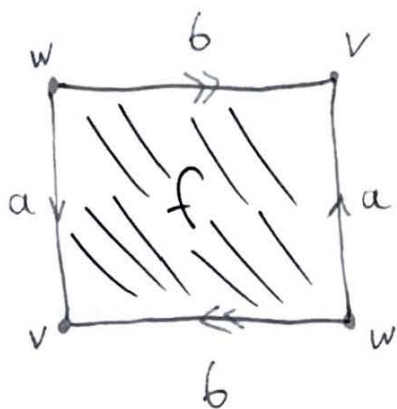
Note: I'll compute H_n on S^1 , or rather on the simplicial complex homeomorphic to S^1 .

5. Draw a Δ -complex for S^2



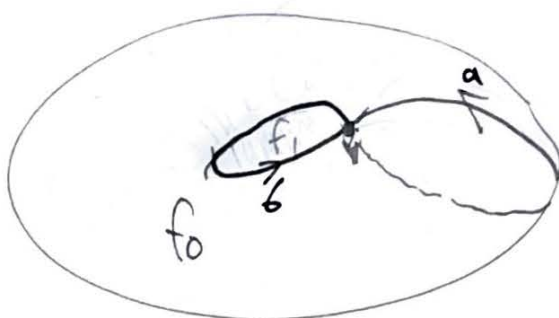
Note: I'll compute H_n on the CW-complex for S^2 .

7. Draw a Δ -complex for $\mathbb{R}P^2$



Note: I'll be working on the CW-complex for $\mathbb{R}P^2$.

10.



12.

