

Fifth Meeting

June 30, 2017 1:29 PM

Excision $A \subset X$, $V \subset A$ open w/ $\bar{V} \subset \text{int} A \Rightarrow$

$$H_*(X-V, A-V) \xrightarrow{\sim} H_*(X, A)$$

$$H_{n-1}(S^{n-1}) \cong H_n(D^n, S^{n-1}) \cong H_n(D^n, A^n) \cong H_n(S^n, D_-^n) \cong H_n(S^n)$$

\uparrow LES of (D^n, S^{n-1}) \uparrow homotopy \uparrow @ inverts \uparrow Excision \uparrow LES of (S^n, D_-^n)

Continue as in Accra: Day 5: Proof of Excision.