

Cap product between homology and cohomology

This lecture was mostly a brief summary of facts from Bredon without much of proofs. The topics covered were:

- (1) Introduction to Alexander-Whitney diagonal approximation.
- (2) Formula for cup product in terms of the Alexander-Whitney diagonal approximation.
- (3) Properties of cap products (Propositons 5.1 and 5.2 of Bredon).