Paul Gustafson
Math 643 - Algebraic Topology I

HW 6

4.9

(i) Using the explicit formula for β_{n+1}, show that

$$\delta_{n+1}\beta_{n+1} = (\lambda_1{}^{\Delta}{}_{\#} - \lambda_0{}^{\Delta}{}_{\#} - P_{n-1}^{\Delta}\partial_n)(\delta)$$

Proof.   □

4.10

Proof.   □

4.11

Proof.   □

4.13

Proof.   □

4.16

Proof.   □