```
A, ring

C, cadegory

HHx: diff'd forms H'(X, R'), H'(X, R')

HH*: pelgrector fields: H'(X, A'Tx), H'(X, A'Tx)

(e.g. deformations are controlled by H'(X, Tx) = HH'(X))
```

Exercise A comm.

$$= \frac{1}{2} HH_{1}(A) \cong \Omega_{A}^{2} = \frac{1}{2} \frac{1}{2}$$

