## Exercises

Use the decomposition of the A to prove the following:

- (1) Let YEX be of chien t. Suppose that  $CH_0(X)$  is supposed on Y. Then  $H_{nr}^c(X,A)$  is torsion for i > r.
- (2) Let  $Y \in X$  be of cochin r. Suppose (Ho(X) i supposed on Y. Then  $H^i(X, \mathcal{H}^{\text{chin}(X)}(A))$  is tousion for it r
- (3)  $H^{p}(\mathbb{P}^{n}, \mathcal{H}^{q}(A)) = \begin{cases} 0 & p \neq q & p > n \\ A & p = q & \text{and} & p \leq n \end{cases}$