

MATH 738

HW 1

Due 9/15

- (1) Let $F : \mathcal{A} \rightarrow \mathcal{B}$ be an additive functor between abelian categories. If $A \rightarrow A'$ is an quasi-isomorphism of bounded below complexes with components adapted to F , then $FA \rightarrow FA'$ is a quasi-isomorphism.