$$\cdots \longrightarrow \operatorname{Hom}(T,X) \longrightarrow \operatorname{Hom}(T,Y) \longrightarrow \operatorname{Hom}(T,Z) \longrightarrow \operatorname{Hom}(T,X[1]) \longrightarrow \cdots$$

$$\downarrow\wr \qquad\qquad \downarrow\wr \qquad\qquad \downarrow \qquad\qquad \downarrow\wr$$

$$\cdots \longrightarrow \operatorname{Hom}(T,X') \longrightarrow \operatorname{Hom}(T,Y') \longrightarrow \operatorname{Hom}(T,Z') \longrightarrow \operatorname{Hom}(T,X[1]') \longrightarrow \cdots$$