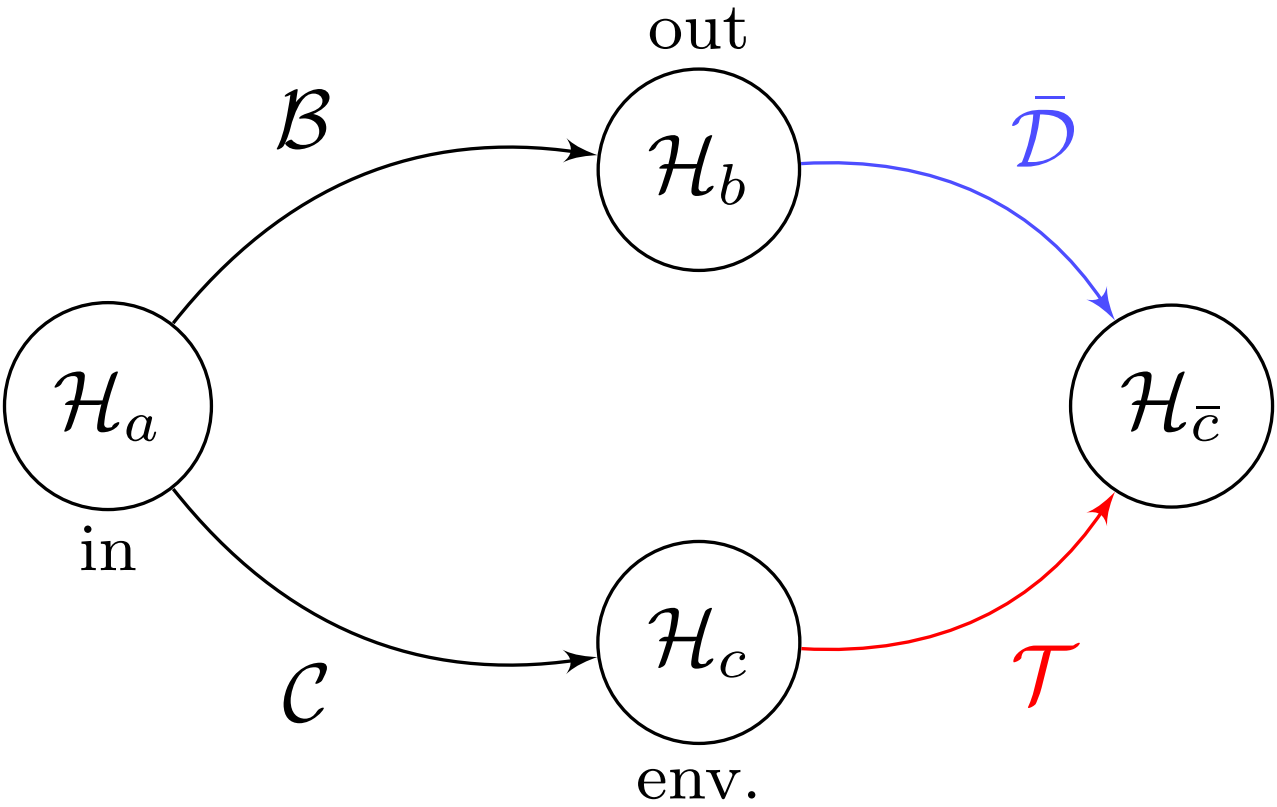

$\mathcal{B}$ is **conjugate-degradable** and
$\mathcal{C}$ **conjugate-antidegradable**
if there is another channel $\bar{\mathcal{D}}$ s.t.
$\mathcal{T} \circ \mathcal{C} = \bar{\mathcal{D}} \circ \mathcal{B}$, where $\mathcal{T}$ is transpose