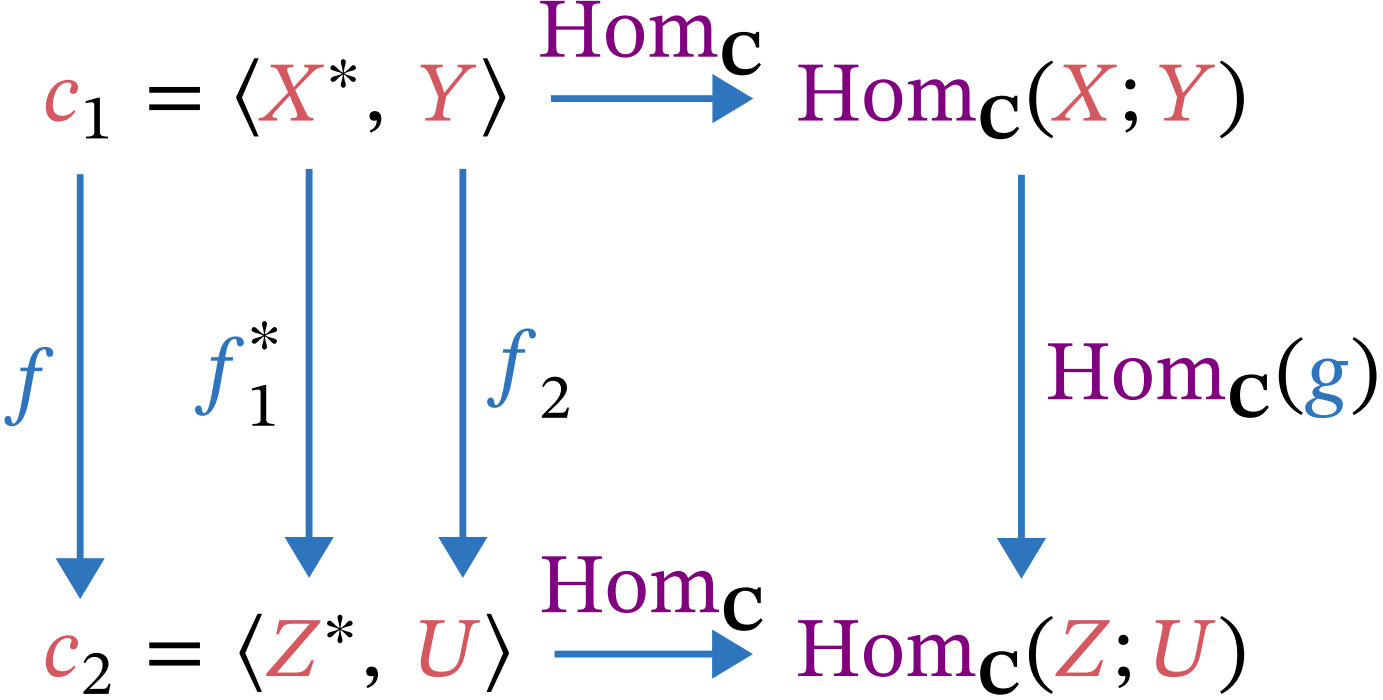
$c_1 = \langle X^*, Y \rangle$
$\mathrm{Hom}_{\mathbf{C}}$
$\mathrm{Hom}_{\mathbf{C}}(X; Y)$
f
f_1^*
f_2
$\mathrm{Hom}_{\mathbf{C}}(g)$
$c_2 = \langle Z^*, U \rangle$
$\mathrm{Hom}_{\mathbf{C}}$
$\mathrm{Hom}_{\mathbf{C}}(Z; U)$