$$(1 \cong 0) \Rightarrow$$

$$\forall X, Y \in Ob(C) \exists ! 1^X \in X \to 1 \land$$

$$\exists ! Y^0 \in 0 \to Y \Rightarrow$$

$$\exists ! 0_{XY} \in X \to Y = Y^0 \cdot 0^1 \cdot 1^X$$

$$(1 \land 0 \land 0_{XY} \forall X, Y \in Ob(C)) \Rightarrow$$

$$(\forall X, Y \in Ob(C) \exists ! 0_{XY} \in X \to Y \Rightarrow$$

$$(0_{10} \in 1 \to 0 \land)$$

$$\forall Z \in Ob(C) \exists ! Z^0 \in 0 \to Z \land$$

$$\forall Q \in Ob(C) \exists ! 1^Q \in Q \to 1) \Rightarrow$$

$$(from)$$

$$0_{10} \cdot 1^0 = 0^0 = 1_0 \land$$

$$1^0 \cdot 0_{10} = 1^1 = 1_1 \Rightarrow$$

$$(1 \cong 0)$$

 $(1 \cong 0) \cong (1 \wedge 0 \wedge 0_{XY} \forall X, Y \in Ob(C)) \blacksquare$