

t45\_relat\_1  
(TMZtp5g2GydYieUrZxfwfudrbBemrdN8TxR)

October 27, 2020

Let  $k9\_xtuple\_0 : \iota \Rightarrow \iota$  be given. Let  $k4\_relat\_1 : \iota \Rightarrow \iota$  be given. Let  $k10\_xtuple\_0 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. k10\_xtuple\_0 (k4\_relat\_1 X0) = X0 \quad (1)$$

Assume the following.

$$\forall X0. k9\_xtuple\_0 (k4\_relat\_1 X0) = X0 \quad (2)$$

**Theorem 1**

$$\forall X0. (k9\_xtuple\_0 (k4\_relat\_1 X0) = X0) \wedge (k10\_xtuple\_0 (k4\_relat\_1 X0) = X0)$$