

t15\_funcop\_1 (TML-  
NvZDF1gkVjQdtyjdXPoLxT4cQBDyXGJg)

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Let  $k8\_relat\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_tarSKI : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (X1 \in X2) \Rightarrow (k8\_relat\_1 (k2\_funcop\_1 X0 X1) X2 = X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1\_tarSKI X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (X2 = X0)) \quad (2)$$

**Theorem 1**

$$\forall X0. \forall X1. k8\_relat\_1 (k2\_funcop\_1 X0 X1) (k1\_tarSKI X1) = X0$$