

t12_ospace (TMSTG-
VaSKZPNBC8xHXX1We8afqEG2AvJqBk)

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Let $k3_ospace : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_ospace : \iota$ be given. Let $k5_struct_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k3_ospace X0 X1 = k4_struct_0 k2_ospace) \Leftrightarrow (\neg X1 \in X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. ((X1 \in X0) \Rightarrow (k3_ospace X0 X1 = k5_struct_0 k2_ospace)) \wedge ((\neg X1 \in X0) \Rightarrow (k3_ospace X0 X1 = k4_struct_0 k2_ospace)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. (k3_ospace X0 X1 = k3_ospace X0 X2) \Leftrightarrow ((X1 \in X0) \Leftrightarrow (X2 \in X0))$$