

t139_xboolean (TMNUaB-
buov93nrKS24TCkVzJ2GXbbhGiMCx)

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Let $v1_xboolean : \iota \Rightarrow o$ be given. Let $k4_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboolean : \iota$ be given. Assume the following.

$$\forall X0. \forall X1. ((v1_xboolean X0) \wedge (v1_xboolean X1)) \Rightarrow (k4_xboolean X0 X0 = X0) \quad (1)$$

Theorem 1

$$\forall X0. (v1_xboolean X0) \Rightarrow ((k4_xboolean X0 X0 = k1_xboolean) \Rightarrow (X0 = k1_xboolean))$$