

t27_xboolean
(TMJ5uq3eikffDwfNBxNEKqXkf6fg2MiHRwt)

October 27, 2020

Let $v1_xboolean : \iota \Rightarrow o$ be given. Let $k6_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (\forall X1.(v1_xboolean X1) \Rightarrow (k6_xboolean X0 (k7_xboolean X0 X1) = k6_xboolean X0 X1)) \quad (1)$$

Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (\forall X1.(v1_xboolean X1) \Rightarrow (k6_xboolean X0 (k6_xboolean X0 X1) = k6_xboolean X0 X1)) \quad (2)$$

Theorem 1

$$\forall X0.(v1_xboolean X0) \Rightarrow (\forall X1.(v1_xboolean X1) \Rightarrow (k6_xboolean X0 (k7_xboolean X0 X1) = k6_xboolean X0 (k6_xboolean X0 X1)))$$