

t45_bvfunc_1 (TMVUQfBERmTmJn-
hqUFk94RgKs93gNVWEo3b)

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Let $v1_xboolean : \iota \Rightarrow o$ be given. Let $k8_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_xboolean : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (k8_xboolean X0 X0 = k3_xboolean X0) \quad (1)$$

Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (k3_xboolean (k3_xboolean X0) = X0) \quad (2)$$

Theorem 1

$$\forall X0.(v1_xboolean X0) \Rightarrow ((k8_xboolean X0 X0 = k3_xboolean X0) \wedge (k3_xboolean (k8_xboolean X0 X0) = X0))$$