

t60_bvfunc_1 (TM-
RaBBg39WZA8ZLQshHTvvyvoZ7xAtVHTs7)

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Let $v1_xboolean : \iota \Rightarrow o$ be given. Let $k7_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_xboolean : \iota \Rightarrow \iota$ be given. Let $k7_margrel1 : \iota$ be given. Let $k8_margrel1 : \iota$ be given. Let $k1_xboolean : \iota$ be given. Let $k2_xboolean : \iota$ be given. Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (k7_xboolean X0 (k3_xboolean X0) = k1_xboolean) \quad (1)$$

Assume the following.

$$\forall X0.(v1_xboolean X0) \Rightarrow (k3_xboolean (k7_xboolean X0 (k3_xboolean X0)) = k2_xboolean) \quad (2)$$

Assume the following.

$$k8_margrel1 = k2_xboolean \quad (3)$$

Assume the following.

$$k7_margrel1 = k1_xboolean \quad (4)$$

Theorem 1

$$\forall X0.(v1_xboolean X0) \Rightarrow ((k7_xboolean X0 (k3_xboolean X0) = k7_margrel1) \wedge (k3_xboolean (k7_xboolean X0 (k3_xboolean X0)) = k8_margrel1))$$