

t12_binarith
(TMNdB5Z6MBgJtw1bLfFoigpUWt9goY8qds2)

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Let $v1_xboolean : \iota \Rightarrow o$ be given. Let $k5_xboolean : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. ((v1_xboolean X0) \wedge (v1_xboolean X1)) \Rightarrow (k5_xboolean X0 X0 = X0) \quad (1)$$

Theorem 1 $\forall X0. (v1_xboolean X0) \Rightarrow (k5_xboolean X0 X0 = X0).$