t13_trees_3 (TMEzvQGLQ4bYunsw3a3Vm63Cs8KnvhCLW7n)

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Let $v2\_trees\_3 : \iota \Rightarrow o$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $v1\_finset\_1 : \iota \Rightarrow o$ be given. Let $v1\_trees\_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v2\_trees\_3\ X0) \Leftrightarrow (\forall X1.(X1 \in X0) \Rightarrow ((\neg v1\_xboole\_0\ X1) \wedge ((v1\_finset\_1\ X1) \wedge (v1\_trees\_1\ X1)))) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{2}$$

Theorem 1

$$\forall X0.(v2\_trees\_3\ (k1\_tarski\ X0)) \Leftrightarrow ((\neg v1\_xboole\_0\ X0) \wedge ((v1\_finset\_1\ X0) \wedge (v1\_trees\_1\ X0)))$$