t8_abcmiz_1 (TMVAmAq-LYZAw4Ff61JQeUAsYNHCNtLeQCq5)

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Let $k1\_abcmiz\_1 : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\neg(X0 \in X1) \wedge (r1\_tarski\ X1\ X0) \tag{1}$$

Assume the following.

$$\forall X0.r1\_tarski\ k1\_xboole\_0\ X0 \tag{2}$$

Assume the following.

$$\begin{array}{c} \forall X0.\forall X1.(X1 = k1\_abcmiz\_1\ X0) \Leftrightarrow ((r1\_tarski\ X0\ X1) \wedge \\ ((\forall X2.\forall X3.(k4\_tarski\ X2\ X3 \in X1) \Rightarrow (r1\_tarski\ X2\ X1)) \wedge \\ (\forall X2.((r1\_tarski\ X0\ X2) \wedge (\forall X3.\forall X4.(k4\_tarski \\ X3\ X4 \in X2) \Rightarrow (r1\_tarski\ X3\ X2))) \Rightarrow (r1\_tarski\ X1\ X2)))) \end{array} \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.(X0 = X1) \Leftrightarrow ((r1\_tarski\ X0\ X1) \wedge (r1\_tarski\ X1\ X0)) \tag{4}$$

Theorem 1 $k1\_abcmiz\_1\ k1\_xboole\_0 = k1\_xboole\_0$.