

t9_abcmiz_1
(TMEofKQS7ST5Mb6Udujwv714BDxuMvhyiGt)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_abcmiz_1 : \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1_tarski X0 X1) \wedge (r1_tarski X1 X2)) \Rightarrow (r1_tarski X0 X2) \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0. \forall X1. (X1 = k1_abcmiz_1 X0) \Leftrightarrow & ((r1_tarski X0 X1) \wedge \\ ((\forall X2. \forall X3. (k4_tarski X2 X3 \in X1) \Rightarrow & (r1_tarski X2 X1)) \wedge \\ (\forall X2. ((r1_tarski X0 X2) \wedge (\forall X3. \forall X4. (k4_tarski & \\ X3 X4 \in X2) \Rightarrow (r1_tarski X3 X2))) \Rightarrow & (r1_tarski X1 X2)))) \end{aligned} \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Rightarrow (r1_tarski (k1_abcmiz_1 X0) (k1_abcmiz_1 X1))$$