

t173_relat_1

(TMQ3uuy3N8GyC86evvuiXpEgVwV9vREkUCe)

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Let $k1_relat_1 : \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k2_tarski X0 X0 = k1_tarski X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k1_relat_1 (k1_tarski (k4_tarski X0 X1)) = k2_tarski X0 X1 \quad (2)$$

Theorem 1 $\forall X0. k1_relat_1 (k1_tarski (k4_tarski X0 X0)) = k1_tarski X0.$