

t85_relat_1 (TMPx-
cLuqQ6wf6HH5Zozu8q25wXd6DqRHRQF)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k6_relat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (v1_relat_1 X2) \Rightarrow ((X0 \in k10_xtuple_0 (k6_relat_1 X1 X2)) \Leftrightarrow ((X0 \in X1) \wedge (X0 \in k10_xtuple_0 X2))) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (v1_relat_1 X1) \Rightarrow (r1_tarski (k10_xtuple_0 (k6_relat_1 X0 X1)) X0)$$