

t1_facirc_2 (TMYVYUqcT-
bCVP8wU2waQXJEtKCL386TMbPD)

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Let $k6_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

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

Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. \neg(r1_tarski (k2_tarski X0 X1) (k2_tarski X2 X3)) \wedge ((X0 \neq X2) \wedge (X0 \neq X3)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (\neg X1 \in X0) \Rightarrow (k6_subset_1 X0 (k1_tarski X1) = X0) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski (k1_tarski X0) X1) \Leftrightarrow (X0 \in X1) \quad (4)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. \neg(X0 \neq X2) \wedge ((X1 \neq X2) \wedge (k6_subset_1 (k2_tarski X0 X1) (k1_tarski X2) \neq k2_tarski X0 X1))$$