

t18_setfam_1 (TMXD-
NfRXvjV16kNNeh6oRW7KqLnc4CyfTAy)

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Let $r1_setfam_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (r1_setfam_1 X0 X1) \Leftrightarrow (\forall X2. \neg(X2 \in X0) \wedge (\forall X3. \neg(X3 \in X1) \wedge (r1_tarski X2 X3))) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1_tarski X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (X2 = X0)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (r1_setfam_1 X1 (k1_tarski X0)) \Rightarrow (\forall X2. (X2 \in X1) \Rightarrow (r1_tarski X2 X0))$$