

t18_eqrel_1
(TMGhxrWc9q2uqYeFsRm5HL8aMfmggm2XjyA)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $k9_relat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (v1_relat_1 X2) \Rightarrow ((k4_tarski X0 X1 \in X2) \Leftrightarrow (X1 \in k9_relat_1 X2 X0)) \quad (1)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. (v1_relat_1 X2) \Rightarrow ((X0 \in k9_relat_1 X2 X1) \Leftrightarrow (k4_tarski X1 X0 \in X2))$$