

t80_cohsp_1 (TMZtFK-
TyPd6uacQKGMdtTd5TRETjxEy4gpe)

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Let $k14_cohsp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. (r1_tarski (k14_cohsp_1 X0 X1) (k14_cohsp_1 X2 X3)) \Leftrightarrow ((r1_tarski X0 X2) \wedge (r1_tarski X1 X3)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 = X1) \Leftrightarrow ((r1_tarski X0 X1) \wedge (r1_tarski X1 X0)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. \forall X3. (k14_cohsp_1 X0 X1 = k14_cohsp_1 X2 X3) \Leftrightarrow ((X0 = X2) \wedge (X1 = X3))$$