

t85_funct_4
(TMHX8esWzwLzjka8rsTEP4tN9eh8MrJ67UL)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k9_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k16_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. \forall X2. ((v1_relat_1 X2) \wedge (v1_funct_1 \\ X2)) \Rightarrow ((r1_tarski (k16_funcop_1 X0 X1) X2) \Leftrightarrow ((X0 \in k9_xtuple_0 X2) \wedge \\ (k1_funct_1 X2 X0 = X1))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} \forall X0. \forall X1. \forall X2. ((v1_relat_1 X2) \wedge (v1_funct_1 \\ X2)) \Rightarrow (((X0 \in k9_xtuple_0 X2) \wedge (k1_funct_1 X2 X0 = X1)) \Rightarrow (r1_tarski \\ (k16_funcop_1 X0 X1) X2)) \end{aligned}$$