

t2_ranknull
(TMK3mqkmBGurkCWAyq64JqCfDruWjZYGfWf)

October 27, 2020

Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v2_funct_1 : \iota \Rightarrow o$ be given. Let $k5_relat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (\forall X1. \forall X2. \\ ((v2_funct_1 (k5_relat_1 X0 X1)) \wedge (r1_tarski X2 X1)) \Rightarrow (v2_funct_1 \\ (k5_relat_1 X0 X2))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} \forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (\forall X1. \forall X2. \\ ((r1_tarski X1 X2) \wedge (v2_funct_1 (k5_relat_1 X0 X2))) \Rightarrow (v2_funct_1 \\ (k5_relat_1 X0 X1))) \end{aligned}$$