

l2_poset_1 (TMMjZd- NRViH4iZBodeB1iAXzACnPsJAdBgV)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k9_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k9_funct_7 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v1_relat_1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow ((r1_tarski \\ (k10_xtuple_0 X0) (k9_xtuple_0 X0)) \Rightarrow ((k9_xtuple_0 (k9_funct_7 \\ X0 X1) = k9_xtuple_0 X0) \wedge (r1_tarski (k10_xtuple_0 (k9_funct_7 \\ X0 X1)) (k9_xtuple_0 X0)))))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} \forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow (\forall X1.(v7_ordinal1 \\ X1) \Rightarrow ((r1_tarski (k10_xtuple_0 X0) (k9_xtuple_0 X0)) \Rightarrow ((k9_xtuple_0 \\ (k9_funct_7 X0 X1) = k9_xtuple_0 X0) \wedge (r1_tarski (k10_xtuple_0 \\ (k9_funct_7 X0 X1)) (k9_xtuple_0 X0)))))) \end{aligned}$$