

l1_poset_1

(TMMfbhQzR3XraHkiSfdS9jyVQuMhXaRBgrk)

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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 $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k9_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k9_funct_7 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k6_partfun1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_relat_1 X0) \Rightarrow ((r1_tarski (k10_xtuple_0 X0) (k9_xtuple_0 X0)) \Rightarrow (k9_funct_7 X0 k6_numbers = k6_partfun1 (k9_xtuple_0 X0))) \quad (1)$$

Theorem 1

$$\forall X0.((v1_relat_1 X0) \wedge (v1_funct_1 X0)) \Rightarrow ((r1_tarski (k10_xtuple_0 X0) (k9_xtuple_0 X0)) \Rightarrow (k9_funct_7 X0 k6_numbers = k6_partfun1 (k9_xtuple_0 X0)))$$