

t42_card_2

(TMVy4Xc1W4u8jj5hUtMWwN1o4bwaa8jQuU5)

October 27, 2020

Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k1_card_1 (k1_tarski X0) = np_1 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (k1_card_1 X0 = k1_card_1 (k1_tarski X1)) \Leftrightarrow (\exists X2. X0 = k1_tarski X2) \quad (2)$$

Theorem 1 $\forall X0. (k1_card_1 X0 = np_1) \Leftrightarrow (\exists X1. X0 = k1_tarski X1)$.