

t1_card_5
(TMSBH4V2axFfx1vrM2gWLF5dJMU7UCpVxhG)

October 27, 2020

Let $k2_card_1 : \iota \Rightarrow \iota$ be given. Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k1_card_1 X0 = k1_card_1 X1) \Rightarrow (k2_card_1 X0 = k2_card_1 X1) \quad (1)$$

Assume the following.

$$\forall X0. k1_card_1 (k1_card_1 X0) = k1_card_1 X0 \quad (2)$$

Theorem 1 $\forall X0. k2_card_1 (k1_card_1 X0) = k2_card_1 X0.$