

t10_classes2
(TMKG4nCGs47rAw11oz4s3gaDcR5wRbPj2LS)

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Let $k2_ordinal1 : \iota \Rightarrow \iota$ be given. Let $k1_classes1 : \iota \Rightarrow \iota$ be given. Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $v2_classes1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v2_classes1 X0) \Rightarrow (k2_ordinal1 X0 = k1_card_1 X0) \quad (1)$$

Assume the following.

$$\forall X0.v2_classes1 (k1_classes1 X0) \quad (2)$$

Theorem 1 $\forall X0.k2_ordinal1 (k1_classes1 X0) = k1_card_1 (k1_classes1 X0)$.