

t35_classes2

(TMTDf8uxKXAyVcvxWzxn4tZbDSKuNpjFEKH)

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Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $k1_classes1 : \iota \Rightarrow \iota$ be given. Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $v2_classes1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v2_classes1 X0) \Rightarrow (k1_card_1 X0 = k1_card_1 (k4_classes1 (k1_card_1 X0))) \quad (1)$$

Assume the following.

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

Theorem 1

$$\forall X0.k1_card_1 (k1_classes1 X0) = k1_card_1 (k4_classes1 (k1_card_1 (k1_classes1 X0)))$$