

t12_classes2
(TMQqYUWP8GU7NFsmRuaUkneWS3KsYvM1Pi3)

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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.

$$\forall X0. \forall X1. ((v2_classes1 X0) \wedge (X1 \in X0)) \Rightarrow (k1_card_1 X1 \in X0) \quad (1)$$

Assume the following.

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

Theorem 1

$$\forall X0. \forall X1. (X0 \in k1_classes1 X1) \Rightarrow (k1_card_1 X0 \in k1_classes1 X1)$$