

t17_card_5 (TMMw-
CLpg6XYnSrTZy6XGcn4i3k4pErSQB17)

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Let $v1_card_1 : \iota \Rightarrow o$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1_card_1 X0) \Rightarrow (\forall X1.(v1_card_1 X1) \Rightarrow ((v1_finset_1 X0) \Rightarrow (((\neg r1_ordinal1 X1 X0) \wedge (\neg X1 \in X0)) \vee (v1_finset_1 X1)))) \quad (1)$$

Theorem 1

$$\forall X0.(v1_card_1 X0) \Rightarrow (\forall X1.((\neg v1_finset_1 X1) \wedge (v1_card_1 X1)) \Rightarrow (((r1_ordinal1 X1 X0) \vee (X1 \in X0)) \Rightarrow ((\neg v1_finset_1 X0) \wedge (v1_card_1 X0))))$$