

t25_card_1 (TMGsBwbEuRhgyruN- Vay8xQoD9iKTM9J2Vhe)

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Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $r2_wellord2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_card_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. \neg(X0 \in X1) \wedge (r1_tarSKI X1 X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (r2_wellord2 X0 X1) \Leftrightarrow (k1_card_1 X0 = k1_card_1 X1) \quad (2)$$

Assume the following.

$$\forall X0. k1_card_1 X0 \in k1_card_1 (k1_zfmisc_1 X0) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarSKI X0 X1) \Rightarrow (r1_ordinal1 (k1_card_1 X0) (k1_card_1 X1)) \quad (4)$$

Assume the following.

$$\forall X0. \forall X1. ((v3_ordinal1 X0) \wedge (v3_ordinal1 X1)) \Rightarrow (r1_ordinal1 X0 X1) \Leftrightarrow (r1_tarSKI X0 X1) \quad (5)$$

Assume the following.

$$\forall X0. v1_card_1 (k1_card_1 X0) \quad (6)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarSKI X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (7)$$

Assume the following.

$$\forall X0. (v1_card_1 X0) \Rightarrow (v3_ordinal1 X0) \quad (8)$$

Theorem 1

$$\forall X0. \forall X1. (r1_tarSKI (k1_zfmisc_1 X0) X1) \Rightarrow ((k1_card_1 X0 \in k1_card_1 X1) \wedge (\neg r2_wellord2 X0 X1))$$