

t18\_membered  
(TMdgPjJXvFiqUtZMfBsif2vX8ZVeJRfsAP9)

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Let  $v6\_membered : \iota \Rightarrow o$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k4\_ordinal1 : \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (\forall X2. (X2 \in X0) \Leftrightarrow (X2 \in X1)) \Rightarrow (X0 = X1) \quad (1)$$

Assume the following.

$$k5\_numbers = k4\_ordinal1 \quad (2)$$

Assume the following.

$$\forall X0. (v6\_membered X0) \Leftrightarrow (\forall X1. (X1 \in X0) \Rightarrow (v7\_ordinal1 X1)) \quad (3)$$

Assume the following.

$$\forall X0. (v7\_ordinal1 X0) \Leftrightarrow (X0 \in k4\_ordinal1) \quad (4)$$

**Theorem 1**

$$\forall X0. (v6\_membered X0) \Rightarrow ((\forall X1. (v7\_ordinal1 X1) \Rightarrow (X1 \in X0)) \Rightarrow (X0 = k5\_numbers))$$