t26_member_1 (TMFBR6LSEgHsNY4R6xerw8vkXCSR2Evoqu9)

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Let $v1\_xxreal\_0 : \iota \Rightarrow o$ be given. Let $k6\_member\_1 : \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k5\_xxreal\_3 : \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k7\_numbers : \iota$ be given. Let $k2\_member\_1 : \iota \Rightarrow \iota$ be given. Let $v2\_membered : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.(X0 \in X1) \Rightarrow (m1\_subset\_1\ X0\ X1) \tag{1}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k7\_numbers) \Rightarrow (k2\_member\_1\ X0 = k5\_xxreal\_3\ X0) \tag{2}$$

Assume the following.

$$\forall X0.(v1\_xxreal\_0\ X0) \Rightarrow (v2\_membered\ (k1\_tarski\ X0)) \tag{3}$$

Assume the following.

$$\forall X0.(v2\_membered\ X0) \Rightarrow (k6\_member\_1\ X0 = ReplSep\ (toset\ (\lambda X1 : \iota.m1\_subset\_1\ X1\ k7\_numbers))\ (\lambda X1 : \iota.X1 \in X0)\ (\lambda X1 : \iota.k2\_member\_1\ X1)) \tag{4}$$

Assume the following.

$$\forall X0.(v1\_xxreal\_0\ X0) \Leftrightarrow (X0 \in k7\_numbers) \tag{5}$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{6}$$

Theorem 1

$$\forall X0.(v1\_xxreal\_0\ X0) \Rightarrow (k6\_member\_1\ (k1\_tarski\ X0) = k1\_tarski\ (k5\_xxreal\_3\ X0))$$