

# t1\_membered (TMcyXAGKjdjqEsEAMFWHX- PrVdkBotvr96kd)

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Let  $v1\_membered : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k2\_numbers : \iota$  be given. Let  $v1\_xcmplx\_0 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. (r1\_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (1)$$

Assume the following.

$$\forall X0. (v1\_xcmplx\_0 X0) \Leftrightarrow (X0 \in k2\_numbers) \quad (2)$$

Assume the following.

$$\forall X0. (v1\_membered X0) \Leftrightarrow (\forall X1. (X1 \in X0) \Rightarrow (v1\_xcmplx\_0 X1)) \quad (3)$$

**Theorem 1**  $\forall X0. (v1\_membered X0) \Rightarrow (r1\_tarski X0 k2\_numbers).$