t164_member_1
(TMM2XSXqEa69GB1bV8xYUQLoWekgMWH1rpG)

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Let $v1\_membered : \iota{\Rightarrow}o$ be given. Let $v1\_xcmplx\_0 : \iota{\Rightarrow}o$ be given. Let $k19\_member\_1 : \iota{\Rightarrow}\iota{\Rightarrow}\iota$ be given. Let $r1\_tarski : \iota{\Rightarrow}\iota{\Rightarrow}o$ be given. Assume the following.

$$\forall X0.(v1\_membered\ X0){\Rightarrow}(\forall X1.(v1\_membered\ X1){\Rightarrow}(\forall X2. (v1\_xcmplx\_0\ X2){\Rightarrow}((r1\_tarski\ X0\ X1){\Leftrightarrow}(r1\_tarski\ (k19\_member\_1\ X0\ X2)\ (k19\_member\_1\ X1\ X2))))) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.r1\_tarski\ X0\ X0 \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.(X0 = X1){\Leftrightarrow}((r1\_tarski\ X0\ X1){\wedge}(r1\_tarski\ X1\ X0)) \tag{3}$$

Theorem 1

$$\forall X0.(v1\_membered\ X0){\Rightarrow}(\forall X1.(v1\_membered\ X1){\Rightarrow}(\forall X2. (v1\_xcmplx\_0\ X2){\Rightarrow}((k19\_member\_1\ X0\ X2 = k19\_member\_1\ X1\ X2){\Rightarrow}(X0 = X1))))$$