

t25_membered
(TMLCu99xs1tg2ioSUZevn946BkSE9s7XaBQ)

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Let $v1_membered : \iota \Rightarrow o$ be given. Let $k3_tarSKI : \iota \Rightarrow \iota$ be given. Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (X1 = k3_tarSKI X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (\exists X3. (X2 \in X3) \wedge (X3 \in X0))) \quad (1)$$

Assume the following.

$$\forall X0. (v1_membered X0) \Leftrightarrow (\forall X1. (X1 \in X0) \Rightarrow (v1_xcmplx_0 X1)) \quad (2)$$

Theorem 1

$$\forall X0. (\forall X1. (X1 \in X0) \Rightarrow (v1_membered X1)) \Rightarrow (v1_membered (k3_tarSKI X0))$$