

t170\_member\_1  
(TMJKKLuMykpNZSE872z8RQ6kv2uohRGiCkU)

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Let  $v2\_membered : \iota \Rightarrow o$  be given. Let  $v1\_xxreal\_0 : \iota \Rightarrow o$  be given. Let  $k20\_member\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k7\_numbers : \iota$  be given. Let  $k3\_xxreal\_3 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} \forall X0.(v2\_membered X0) \Rightarrow (\forall X1.(v1\_xxreal\_0 X1) \Rightarrow (k20\_member\_1 \\ X0 X1 = ReplSep (toset (\lambda X2 : \iota.m1\_subset\_1 X2 k7\_numbers)) \quad (1) \\ (\lambda X2 : \iota.X2 \in X0) (\lambda X2 : \iota.k3\_xxreal\_3 X2 X1))) \end{aligned}$$

**Theorem 1**

$$\begin{aligned} \forall X0.(v2\_membered X0) \Rightarrow (\forall X1.(v1\_xxreal\_0 X1) \Rightarrow (\forall X2. \\ \neg(X2 \in k20\_member\_1 X0 X1) \wedge (\forall X3.(m1\_subset\_1 X3 k7\_numbers) \Rightarrow \\ (\neg(X2 = k3\_xxreal\_3 X3 X1) \wedge (X3 \in X0)))))) \end{aligned}$$