t80_flang_2 (TMGxyC4MM4cuJhvGGrqh5e5R5BpfrP8zcXk)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k8\_afinsq\_1 : \iota \Rightarrow \iota$ be given. Let $k2\_flang\_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2\_flang\_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.(m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ (k8\_afinsq\_1\ X1))) \Rightarrow ((X0 \in k2\_flang\_2\ X1\ X2) \Leftrightarrow ((X0 = k2\_flang\_1\ X1) \vee (X0 \in X2))) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(\forall X2.(X2 \in X0) \Leftrightarrow (X2 \in X1)) \Rightarrow (X0 = X1) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k8\_afinsq\_1\ X0))) \Rightarrow ((k2\_flang\_2\ X0\ X1 = X1) \Leftrightarrow (k2\_flang\_1\ X0 \in X1))$$