

## t73\_flang\_3

(TMYt9VpWt1yK58CSsutbJjZ4WTyxWpdjAwk)

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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  $k2\_flang\_1 : \iota \Rightarrow \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_flang\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_flang\_3 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k8\_flang\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow ((k2\_flang\_3 X0 X1 = k8\_flang\_1 X0 X1) \Leftrightarrow (k2\_flang\_1 X0 \in X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow ((r1\_tarski X1 (k6\_flang\_1 X0 X1 (k8\_flang\_1 X0 X2))) \wedge (r1\_tarski X1 (k6\_flang\_1 X0 (k8\_flang\_1 X0 X2) X1)))) \quad (2)$$

### Theorem 1

$$\forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow ((k2\_flang\_1 X0 \in X1) \Rightarrow ((r1\_tarski X2 (k6\_flang\_1 X0 X2 (k2\_flang\_3 X0 X1))) \wedge (r1\_tarski X2 (k6\_flang\_1 X0 (k2\_flang\_3 X0 X1) X2))))))$$