

t68\_flang\_3  
(TMKV4R8PACSuyb4aHjNgA5SdwKtnhBNqSfX)

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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  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  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. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (\forall X3. (m1\_subset\_1 X3 (k1\_zfmisc\_1 (k8\_afinsq\_1 \\ & X0))) \Rightarrow (((r1\_tarski X1 (k2\_flang\_3 X0 X2)) \wedge (r1\_tarski X3 (k2\_flang\_3 \\ & X0 X2))) \Rightarrow (r1\_tarski (k6\_flang\_1 X0 X1 X3) (k2\_flang\_3 X0 X2)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k8\_afinsq\_1 X0))) \Rightarrow (r1\_tarski X1 (k2\_flang\_3 X0 X1)) \quad (2)$$

**Theorem 1**

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