

t81\_zfmisc\_1  
(TMHEAnjU2tKj4QqyPZeuEK38jekoAEAXinG)

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Let  $k3\_tarSKI : \iota \Rightarrow \iota$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $r1\_tarSKI : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. r1\_tarSKI X0 X0 \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k3\_tarSKI X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (\exists X3. (X2 \in X3) \wedge (X3 \in X0))) \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. (r1\_tarSKI X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \tag{3}$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1\_zfmisc\_1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (r1\_tarSKI X2 X0)) \tag{4}$$

**Theorem 1**  $\forall X0. k3\_tarSKI (k1\_zfmisc\_1 X0) = X0.$