

t24\_zfmisc\_1

(TMNAreMhm6EFGGDxMr2mkxp4zfxSUtLiozM)

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Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Let  $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. (r1\_tarski X0 (k1\_tarski X1)) \Leftrightarrow ((X0 = k1\_xboole\_0) \vee (X0 = k1\_tarski X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (X2 = k2\_tarski X0 X1) \Leftrightarrow (\forall X3. (X3 \in X2) \Leftrightarrow ((X3 = X0) \vee (X3 = X1))) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1\_zfmisc\_1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (r1\_tarski X2 X0)) \quad (3)$$

**Theorem 1**

$$\forall X0. k1\_zfmisc\_1 (k1\_tarski X0) = k2\_tarski k1\_xboole\_0 (k1\_tarski X0)$$