

t107\_zfmisc\_1

(TMXKC1U2SKzarJFudW7P74qfDhBm1paBvpp)

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

$$\forall X0. \forall X1. (k2\_zfmisc\_1 X0 X1 = k1\_xboole\_0) \Leftrightarrow ((X0 = k1\_xboole\_0) \vee (X1 = k1\_xboole\_0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k2\_xboole\_0 (k1\_tarski X0) X1 \neq k1\_xboole\_0 \quad (2)$$

Assume the following.

$$\forall X0. k2\_xboole\_0 X0 k1\_xboole\_0 = X0 \quad (3)$$

**Theorem 1**

$$\forall X0. \forall X1. (X0 \neq k1\_xboole\_0) \Rightarrow ((k2\_zfmisc\_1 (k1\_tarski X1) X0 \neq k1\_xboole\_0) \wedge (k2\_zfmisc\_1 X0 (k1\_tarski X1) \neq k1\_xboole\_0))$$