

t116\_zfmisc\_1 (TMbBkwKdePMNfZ-  
zJyG8oDj9YxWBqNGQ5enK)

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Let  $k2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (k2\_xboole\_0 (k1\_tarski X0) X1 = X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k2\_xboole\_0 X0 (k4\_xboole\_0 X1 X0) = k2\_xboole\_0 X0 X1 \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. k2\_xboole\_0 X0 X1 = k2\_xboole\_0 X1 X0 \quad (3)$$

**Theorem 1**

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (k2\_xboole\_0 (k4\_xboole\_0 X1 (k1\_tarski X0)) (k1\_tarski X0) = X1)$$