

t7\_mssubfam  
(TMFj7UdxNjS91F21YFsUMLVKdA7Zun67Umi)

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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  $r1\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k8\_setfam\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $r1\_tarSKI : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1\_tarSKI X0 X1) \wedge (r1\_xboole\_0 X1 X2)) \Rightarrow (r1\_xboole\_0 X0 X2) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (m1\_subset\_1 X2 (k1\_zfmisc\_1 (k1\_zfmisc\_1 X0))) \Rightarrow ((X1 \in X2) \Rightarrow (r1\_tarSKI (k8\_setfam\_1 X0 X2) X1)) \quad (2)$$

**Theorem 1**

$$\forall X0. \forall X1. \forall X2. \forall X3. (m1\_subset\_1 X3 (k1\_zfmisc\_1 (k1\_zfmisc\_1 X0))) \Rightarrow (((X1 \in X3) \wedge (r1\_xboole\_0 X1 X2)) \Rightarrow (r1\_xboole\_0 (k8\_setfam\_1 X0 X3) X2))$$