

t1\_setfam\_1 (TM-  
ceWtNHETyKZ6TH3jVoiUz7rbeqtPGP4Am)

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

$$\begin{aligned} & \forall X0. \forall X1. ((X0 \neq k1\_xboole\_0) \Rightarrow ((X1 = k1\_setfam\_1 X0) \Leftrightarrow \\ & (\forall X2. (X2 \in X1) \Leftrightarrow (\forall X3. (X3 \in X0) \Rightarrow (X2 \in X3)))))) \wedge ((X0 = \\ & k1\_xboole\_0) \Rightarrow ((X1 = k1\_setfam\_1 X0) \Leftrightarrow (X1 = k1\_xboole\_0))) \end{aligned} \quad (1)$$

**Theorem 1**  $k1\_setfam\_1 k1\_xboole\_0 = k1\_xboole\_0$ .