

t7\_xboole\_0  
(TMH2Zzo7MDeRagvXmaNZPny2E2DzxHj1Jqs)

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Let  $k1\_xboole\_0 : \iota$  be given. Let  $v1\_xboole\_0 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. (v1\_xboole\_0 X0) \Rightarrow (X0 = k1\_xboole\_0) \tag{1}$$

Assume the following.

$$\forall X0. (v1\_xboole\_0 X0) \Leftrightarrow (\forall X1. \neg X1 \in X0) \tag{2}$$

**Theorem 1**  $\forall X0. \neg (X0 \neq k1\_xboole\_0) \wedge (\forall X1. \neg X1 \in X0)$ .