

l16\_ff\_siec

(TMNeJnrPZsX1YJtsdgzKZ6MU19ixzvLwAo5)

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Let  $r1\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. ((r1\_tarski X0 X1) \wedge ((r1\_tarski X2 X3) \wedge (r1\_xboole\_0 X1 X3))) \Rightarrow (r1\_xboole\_0 X0 X2) \quad (1)$$

**Theorem 1**

$$\forall X0. \forall X1. \forall X2. \forall X3. ((r1\_xboole\_0 X1 X3) \wedge ((r1\_tarski X0 X1) \wedge (r1\_tarski X2 X3))) \Rightarrow (r1\_xboole\_0 X0 X2)$$