t20_scmyciel (TMZieAj9okJZ6TohRjLQS6u8fffmEajZhcm)

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Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $v1\_classes1 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.r1\_tarski\ k1\_xboole\_0\ X0 \tag{1}$$

Assume the following.

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

Assume the following.

$$\begin{gathered}\forall X0.(v1\_classes1\ X0) \Leftrightarrow (\forall X1.\forall X2.((X1 \in X0) \wedge \\ (r1\_tarski\ X2\ X1)) \Rightarrow (X2 \in X0))\end{gathered} \tag{3}$$

Theorem 1 $\forall X0.((\neg v1\_xboole\_0\ X0) \wedge (v1\_classes1\ X0)) \Rightarrow (k1\_xboole\_0 \in X0)$.