t35_isomichi (TMQPqkkoHKQyqfd-WKL4YfvSzdGtH6XiqnwE)

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Let $r3\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.(r3\_xboole\_0\ X0\ X1) \Leftrightarrow ((r1\_tarski\ X0\ X1) \vee (r1\_tarski\ X1\ X0)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(r2\_xboole\_0\ X0\ X1) \Leftrightarrow ((r1\_tarski\ X0\ X1) \wedge (X0 \neq X1)) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.\neg(r3\_xboole\_0\ X0\ X1) \wedge ((\neg r1\_tarski\ X0\ X1) \wedge (\neg r2\_xboole\_0\ X1\ X0))$$