# l1_jordan (TMQL7nmkKAxhtpomgu7nbeAq3NoocheusgX)

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Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.((r1\_tarski\ X0\ X1) \wedge (r1\_tarski\ X2\ X1)) \Rightarrow (r1\_tarski\ (k2\_xboole\_0\ X0\ X2)\ X1) \tag{1}$$

**Theorem 1**

$$\forall X0.\forall X1.\forall X2.\forall X3.((r1\_tarski\ X0\ X3) \wedge ((r1\_tarski\ X1\ X3) \wedge (r1\_tarski\ X2\ X3))) \Rightarrow (r1\_tarski\ (k2\_xboole\_0\ (k2\_xboole\_0\ X0\ X1)\ X2)\ X3)$$