t1_algstr_4 (TMdLhZ57KtUEfRfPGmtjLZ79jh13MPvwjzM)

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Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_yellow\_6 : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_classes1 : \iota \Rightarrow \iota$ be given. Let $k5\_classes1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.((r1\_tarski\ X0\ (k1\_classes1\ X1)) \wedge (r1\_tarski\ X2\ (k1\_classes1\ X1))) \Rightarrow (r1\_tarski\ (k2\_zfmisc\_1\ X0\ X2)\ (k1\_classes1\ X1)) \tag{1}$$

Assume the following.

$$\forall X0.k1\_yellow\_6\ X0 = k1\_classes1\ (k5\_classes1\ X0) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.((r1\_tarski\ X1\ (k1\_yellow\_6\ X0)) \wedge (r1\_tarski\ X2\ (k1\_yellow\_6\ X0))) \Rightarrow (r1\_tarski\ (k2\_zfmisc\_1\ X1\ X2)\ (k1\_yellow\_6\ X0))$$