

l25_card_2

(TMLQ77QvJ4wYVGwqJda6c2oo4AhWEAzje8k)

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Let $r1_xboole_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. (X0 \neq X1) \Rightarrow ((r1_xboole_0 \\ & (k2_zfmisc_1 (k1_tarski X0) X2) (k2_zfmisc_1 (k1_tarski X1) X3)) \wedge \\ & (r1_xboole_0 (k2_zfmisc_1 X2 (k1_tarski X0)) (k2_zfmisc_1 X3 (\\ & k1_tarski X1)))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. (X0 \neq X1) \Rightarrow (r1_xboole_0 \\ & (k2_zfmisc_1 X2 (k1_tarski X0)) (k2_zfmisc_1 X3 (k1_tarski X1))) \end{aligned}$$