

t35_mcart_1

(TMT1b1uWnsEoM1WYQes26QSkQWHLHMmkGKs)

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Let $k3_zfmisc.1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k3_xtuple.0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_zfmisc.1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. k2_zfmisc.1 (k1_tarski X0) (k1_tarski X1) = k1_tarski (k4_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k3_xtuple.0 X0 X1 X2 = k4_tarski (k4_tarski X0 X1) X2 \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k3_zfmisc.1 X0 X1 X2 = k2_zfmisc.1 (k2_zfmisc.1 X0 X1) X2 \quad (3)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. k3_zfmisc.1 (k1_tarski X0) (k1_tarski X1) (k1_tarski X2) = k1_tarski (k3_xtuple.0 X0 X1 X2)$$