

t49_mcart_1

(TMN1AetGUBDT1zhjCbmWBCMwnshfa67YQDX)

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Let $k4_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.k4_zfmisc_1 X0 X1 X2 X3 = k2_zfmisc_1 (k3_zfmisc_1 X0 X1 X2) X3 \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.k3_zfmisc_1 X0 X1 X2 = k2_zfmisc_1 (k2_zfmisc_1 X0 X1) X2 \quad (2)$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.\forall X3.k4_zfmisc_1 X0 X1 X2 X3 = k2_zfmisc_1 (k2_zfmisc_1 (k2_zfmisc_1 X0 X1) X2) X3$$