

t62_mcart_1

(TMQDvw4EFUGx2fPexePmbh2JhLq1P1n3wHE)

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Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k2_xtuple_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k2_zfmisc_1 X0 X1 = k1_xboole_0) \Leftrightarrow ((X0 = k1_xboole_0) \vee (X1 = k1_xboole_0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \neg (X0 \neq k1_xboole_0) \wedge ((X1 \neq k1_xboole_0) \wedge (\neg \forall X2. (m1_subset_1 X2 (k2_zfmisc_1 X0 X1)) \Rightarrow ((X2 \neq k1_xtuple_0 X2) \wedge (X2 \neq k2_xtuple_0 X2)))) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (k2_zfmisc_1 X0 X1 \neq k1_xboole_0) \Rightarrow (\forall X2. (m1_subset_1 X2 (k2_zfmisc_1 X0 X1)) \Rightarrow ((X2 \neq k1_xtuple_0 X2) \wedge (X2 \neq k2_xtuple_0 X2)))$$