

t5_abc Miz_0

(TMdk1pJgbmYbUProTvXr2xHcE7NB9RQh9Vw)

October 27, 2020

Let $l1_abc Miz_0 : \iota \Rightarrow o$ be given. Let $g1_abc Miz_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_abc Miz_0 : \iota \Rightarrow \iota$ be given. Let $u2_abc Miz_0 : \iota \Rightarrow \iota$ be given. Let $v5_abc Miz_0 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_funct_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_abc Miz_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. ((v1_funct_1 X1) \wedge ((v1_funct_2 X1 X0 X0) \wedge \\ & (m1_subset_1 X1 (k1_zfmisc_1 (k2_zfmisc_1 X0 X0)))) \Rightarrow (\forall X2. \\ & \forall X3. (g1_abc Miz_0 X0 X1 = g1_abc Miz_0 X2 X3) \Rightarrow ((X0 = X2) \wedge (X1 = \\ & X3))) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} & \forall X0. (l1_abc Miz_0 X0) \Rightarrow ((v1_funct_1 (u2_abc Miz_0 X0)) \wedge \\ & ((v1_funct_2 (u2_abc Miz_0 X0) (u1_abc Miz_0 X0) (u1_abc Miz_0 X0)) \wedge \\ & (m1_subset_1 (u2_abc Miz_0 X0) (k1_zfmisc_1 (k2_zfmisc_1 (u1_abc Miz_0 \\ & X0) (u1_abc Miz_0 X0)))))) \end{aligned} \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. ((l1_abc Miz_0 X0) \wedge (m1_subset_1 X1 (u1_abc Miz_0 X0))) \Rightarrow (m1_subset_1 (k1_abc Miz_0 X0 X1) (u1_abc Miz_0 X0)) \tag{3}$$

Assume the following.

$$\forall X0. (l1_abc Miz_0 X0) \Rightarrow ((v5_abc Miz_0 X0) \Leftrightarrow (\forall X1. (m1_subset_1 X1 (u1_abc Miz_0 X0)) \Rightarrow (k1_abc Miz_0 X0 (k1_abc Miz_0 X0 X1) = X1))) \tag{4}$$

Assume the following.

$$\forall X0. (l1_abc Miz_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (u1_abc Miz_0 X0)) \Rightarrow (k1_abc Miz_0 X0 X1 = k1_funct_1 (u2_abc Miz_0 X0) X1)) \tag{5}$$

Theorem 1

$$\forall X0.(l1_abc Miz_0 X0) \Rightarrow (\forall X1.(l1_abc Miz_0 X1) \Rightarrow ((g1_abc Miz_0 (u1_abc Miz_0 X0) (u2_abc Miz_0 X0) = g1_abc Miz_0 (u1_abc Miz_0 X1) (u2_abc Miz_0 X1)) \wedge (v5_abc Miz_0 X0)) \Rightarrow (v5_abc Miz_0 X1)))$$