

# t3\_abc Miz\_0 (TMUhwH- mybB3k6SMt6dU2CgSMwrovGSAhJQj)

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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  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_abc Miz_0 : \iota \Rightarrow \iota \Rightarrow \iota$  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  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  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.

$$\forall X0. (l1\_abc Miz_0 X0) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (u1\_abc Miz_0 X0)) \Rightarrow (k1\_abc Miz_0 X0 X1 = k1\_funct\_1 (u2\_abc Miz_0 X0) X1)) \tag{3}$$

## Theorem 1

$$\begin{aligned} & \forall X0. (l1\_abc Miz_0 X0) \Rightarrow (\forall X1. (l1\_abc Miz_0 X1) \Rightarrow (( \\ & g1\_abc Miz_0 (u1\_abc Miz_0 X0) (u2\_abc Miz_0 X0) = g1\_abc Miz_0 (u1\_abc Miz_0 \\ & X1) (u2\_abc Miz_0 X1)) \Rightarrow (\forall X2. (m1\_subset\_1 X2 (u1\_abc Miz_0 \\ & X0)) \Rightarrow (\forall X3. (m1\_subset\_1 X3 (u1\_abc Miz_0 X1)) \Rightarrow ((X2 = X3) \Rightarrow \\ & (k1\_abc Miz_0 X0 X2 = k1\_abc Miz_0 X1 X3)))))) \end{aligned}$$