

t1_reloc
(TMW7Aki4jyzidusM43LYPKneuJPxZdyicub)

October 27, 2020

Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k5_compos_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_compos_1 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ be given. Let $k7_ami_3 : \iota \Rightarrow \iota$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(v7_ordinal1 \\ X1) \Rightarrow (k5_compos_0 (u1_compos_1 k1_ami_3) (k7_ami_3 X0) X1 = k7_ami_3 \\ (k2_xcmplx_0 X0 X1))) \end{aligned} \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \tag{2}$$

Assume the following.

$$k5_numbers = k4_ordinal1 \tag{3}$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Leftrightarrow (X0 \in k4_ordinal1) \tag{4}$$

Theorem 1

$$\begin{aligned} \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (k5_compos_0 \\ (u1_compos_1 k1_ami_3) (k7_ami_3 X1) X0 = k7_ami_3 (k2_xcmplx_0 \\ X1 X0))) \end{aligned}$$