

t2_reloc

(TMHn3z3sA6MV2aTsmdeVx2LD2zLXJscuQxF)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_ami_2 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ 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 $k8_ami_3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.((v1_ami_2 X0) \wedge (m1_subset_1 X0 (u1_struct_0 k1_ami_3))) \Rightarrow \\ & (\forall X1.(m1_subset_1 X1 k5_numbers) \Rightarrow (\forall X2.(v7_ordinal1 \\ X2) \Rightarrow (k5_compos_0 (u1_compos_1 k1_ami_3) (k8_ami_3 X1 X0) X2 = k8_ami_3 \\ & (k2_xcmplx_0 X1 X2) X0))) \end{aligned} \tag{1}$$

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

$$\begin{aligned} & \forall X0. (v7_ordinal1 X0) \Rightarrow (\forall X1. (v7_ordinal1 X1) \Rightarrow (\forall X2. \\ & ((v1_ami_2 X2) \wedge (m1_subset_1 X2 (u1_struct_0 k1_ami_3))) \Rightarrow (k5_compos_0 \\ & (u1_compos_1 k1_ami_3) (k8_ami_3 X1 X2) X0 = k8_ami_3 (k2_xcmplx_0 \\ & X1 X0) X2))) \end{aligned}$$