

l1_jgraph_4 (TMUuTSRw- BrK8uwstHpGbQNHv7tF8Jfm3vzC)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k15_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k4_struct_0 : \iota \Rightarrow \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k12_euclid : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v2_xxreal_0 : \iota \Rightarrow o$ be given. Let $m2_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $k16_euclid : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v7_ordinal1\ X0) \Rightarrow (\forall X1.(m1_subset_1\ X1\ (u1_struct_0 \\ (k15_euclid\ X0))) \Rightarrow ((\neg(X1 \neq k4_struct_0\ (k15_euclid\ X0)) \wedge (r1_xxreal_0 \\ (k12_euclid\ X1)\ k6_numbers)) \wedge (\neg(\neg r1_xxreal_0\ (k12_euclid\ X1) \\ k6_numbers) \wedge (X1 = k4_struct_0\ (k15_euclid\ X0)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} ((v2_xxreal_0\ np_2) \wedge (m2_subset_1\ np_2\ k1_numbers\ k5_numbers)) \wedge \\ ((m1_subset_1\ np_2\ k5_numbers) \wedge (m1_subset_1\ np_2\ k1_numbers)) \end{aligned} \quad (2)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (3)$$

Assume the following.

$$k16_euclid\ np_2 = k4_struct_0\ (k15_euclid\ np_2) \quad (4)$$

Assume the following.

$$\forall X0.(m1_subset_1\ X0\ k4_ordinal1) \Rightarrow (v7_ordinal1\ X0) \quad (5)$$

Theorem 1

$$\begin{aligned} \forall X0.(m1_subset_1\ X0\ (u1_struct_0\ (k15_euclid\ np_2))) \Rightarrow \\ (\neg(X0 \neq k4_struct_0\ (k15_euclid\ np_2)) \wedge (r1_xxreal_0\ (k12_euclid \\ X0)\ k6_numbers)) \end{aligned}$$