

t1_sgraph1 (TMXFtQNLn- MrA1u3HYEGt8L6NQz76jw9koax)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k1_sgraph1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$k5_numbers = k4_ordinal1 \tag{1}$$

Assume the following.

$$\begin{aligned} \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (k1_sgraph1 \\ X0 X1 = ReplSep (toset (\lambda X2 : \iota.m1_subset_1 X2 k5_numbers)) \\ (\lambda X2 : \iota.(r1_xxreal_0 X0 X2) \wedge (r1_xxreal_0 X2 X1)) (\lambda X2 : \\ \iota.X2)))) \end{aligned} \tag{2}$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_ordinal1) \Rightarrow (v7_ordinal1 X0) \tag{3}$$

Theorem 1

$$\begin{aligned} \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(m1_subset_1 \\ X1 k5_numbers) \Rightarrow (\forall X2.(X2 \in k1_sgraph1 X0 X1) \Leftrightarrow (\exists X3. \\ (m1_subset_1 X3 k5_numbers) \wedge ((X2 = X3) \wedge ((r1_xxreal_0 X0 X3) \wedge \\ r1_xxreal_0 X3 X1)))))) \end{aligned}$$