

t19_idea_1 (TMVxRSXtocLQCmsRTQyJ- wox7BKDz59yn4vY)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $r1_idea_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k8_idea_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_idea_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_idea_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k5_series_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(m1_subset_1 \\ & X1 k5_numbers) \Rightarrow (\forall X2.(m1_subset_1 X2 k5_numbers) \Rightarrow (r1_idea_1 \\ & X2 (k4_idea_1 X2 X0 X1)))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(m1_subset_1 \\ & X1 k5_numbers) \Rightarrow ((r1_idea_1 X1 X0) \Rightarrow (k4_idea_1 X1 X0 (k6_idea_1 \\ & X1 X0) = k6_numbers))) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} & \forall X0.\forall X1.((m1_subset_1 X0 k5_numbers) \wedge (m1_subset_1 \\ & X1 k5_numbers)) \Rightarrow (m1_subset_1 (k6_idea_1 X0 X1) k5_numbers) \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(m1_subset_1 \\ & X1 k5_numbers) \Rightarrow (((X1 = k5_series_1 np_2 X0) \Rightarrow (k8_idea_1 X0 X1 = \\ & k6_numbers)) \wedge ((X1 \neq k5_series_1 np_2 X0) \Rightarrow (k8_idea_1 X0 X1 = X1)))) \end{aligned} \quad (4)$$

Theorem 1

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k5_numbers) \Rightarrow (\forall X1.(m1_subset_1 \\ & X1 k5_numbers) \Rightarrow ((r1_idea_1 X1 X0) \Rightarrow (r1_idea_1 X1 (k8_idea_1 X1 \\ & X0)))) \end{aligned}$$