

t26_descip_1

(TMW6NVtb1rc4gx8xXdAhD56smN8ujNwQhM1)

October 27, 2020

Let $np_{-16} : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $np_{-1} : \iota$ be given. Let $np_{-2} : \iota$ be given. Let $np_{-3} : \iota$ be given. Let $np_{-4} : \iota$ be given. Let $np_{-5} : \iota$ be given. Let $np_{-6} : \iota$ be given. Let $np_{-7} : \iota$ be given. Let $np_{-8} : \iota$ be given. Let $np_{-9} : \iota$ be given. Let $np_{-10} : \iota$ be given. Let $np_{-11} : \iota$ be given. Let $np_{-12} : \iota$ be given. Let $np_{-13} : \iota$ be given. Let $np_{-14} : \iota$ be given. Let $np_{-15} : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k2_finseq_1 : \iota \Rightarrow \iota$ 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 $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_ordinal1 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.((v7_ordinal1 X0) \wedge (\neg v1_xboole_0 X0)) \Rightarrow (\forall X1. \\ & \neg(X1 \in X0) \wedge ((X1 \neq k6_numbers) \wedge (\neg(X1 \in k2_finseq_1 X0) \wedge (X1 \neq X0)))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0. \neg(X0 \in k2_finseq_1 np_{-16}) \wedge ((X0 \neq np_{-1}) \wedge ((X0 \neq np_{-2}) \wedge \\ & ((X0 \neq np_{-3}) \wedge ((X0 \neq np_{-4}) \wedge ((X0 \neq np_{-5}) \wedge ((X0 \neq np_{-6}) \wedge ((X0 \neq np_{-7}) \wedge \\ & ((X0 \neq np_{-8}) \wedge ((X0 \neq np_{-9}) \wedge ((X0 \neq np_{-10}) \wedge ((X0 \neq np_{-11}) \wedge ((X0 \neq \\ & np_{-12}) \wedge ((X0 \neq np_{-13}) \wedge ((X0 \neq np_{-14}) \wedge ((X0 \neq np_{-15}) \wedge (X0 \neq np_{-16})))))))))))))) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} & ((v2_xxreal_0 np_{-16}) \wedge (m2_subset_1 np_{-16} k1_numbers k5_numbers)) \wedge \\ & ((m1_subset_1 np_{-16} k5_numbers) \wedge (m1_subset_1 np_{-16} k1_numbers)) \end{aligned} \quad (3)$$

Assume the following.

$$\neg v1_xboole_0 np_{-16} \quad (4)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (5)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_ordinal1) \Rightarrow (v7_ordinal1 X0) \quad (6)$$

Theorem 1

$$\forall X0. \neg(X0 \in np_{-16}) \wedge ((X0 \neq k6_numbers) \wedge ((X0 \neq np_{-1}) \wedge ((X0 \neq np_{-2}) \wedge ((X0 \neq np_{-3}) \wedge ((X0 \neq np_{-4}) \wedge ((X0 \neq np_{-5}) \wedge ((X0 \neq np_{-6}) \wedge ((X0 \neq np_{-7}) \wedge ((X0 \neq np_{-8}) \wedge ((X0 \neq np_{-9}) \wedge ((X0 \neq np_{-10}) \wedge ((X0 \neq np_{-11}) \wedge ((X0 \neq np_{-12}) \wedge ((X0 \neq np_{-13}) \wedge ((X0 \neq np_{-14}) \wedge (X0 \neq np_{-15}))))))))))))))))))$$