

t16_finseq_3
(TMVPcsw8YAtaQLGYjeEzetMnFxXuEdhsJ4k)

October 27, 2020

Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k2_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k1_nat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (\neg k1_nat_1 X0 np_1 \in k2_finseq_1 X0) \quad (1)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (k1_nat_1 X0 np_1 \in k2_finseq_1 (k1_nat_1 X0 np_1)) \quad (2)$$

Theorem 1

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (k2_finseq_1 X0 \neq k2_finseq_1 (k1_nat_1 X0 np_1))$$