

t90_finseq_2
(TMSE2ERbMrGa1cFduZgcMULZfrstBesk1xu)

October 27, 2020

Let $m1_finseq_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_finseq_2 : \iota \Rightarrow \iota$ be given. Let $k13_finseq_1 : \iota \Rightarrow \iota$ be given. Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. k3_finseq_2 X0 = k13_finseq_1 X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_finseq_2 X1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Rightarrow (m2_finseq_1 X2 X0)) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k13_finseq_1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (m2_finseq_1 X2 X0)) \quad (4)$$

Theorem 1

$$\forall X0. \forall X1. (m1_finseq_2 X1 X0) \Rightarrow (r1_tarski X1 (k3_finseq_2 X0))$$