

t91_finseq_2

(TMa8uXoX42wfbdkCoWQYJ7MGsBPxTTy5u9d)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $m1_finseq_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m2_finseq_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\forall X2. (m2_finseq_1 X2 X1) \Rightarrow (m2_finseq_1 X2 X0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1_finseq_2 X1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Rightarrow (m2_finseq_1 X2 X0)) \quad (2)$$

Theorem 1

$$\forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\forall X2. (m1_finseq_2 X2 X1) \Rightarrow (m1_finseq_2 X2 X0)))$$