t43_finseq_3 (TMRCyosFrpinbpApcD73ncp1Sp7Ac48LaU9)

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Let $k14\_finseq\_1 : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $v7\_ordinal1 : \iota \Rightarrow o$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_finseq\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(\exists X1.(v7\_ordinal1\ X1) \wedge (r1\_tarski\ X0\ (k2\_finseq\_1\ X1))) \Rightarrow ((k14\_finseq\_1\ X0 = k1\_xboole\_0) \Leftrightarrow (X0 = k1\_xboole\_0)) \tag{1}$$

Assume the following.

$$\forall X0.r1\_tarski\ k1\_xboole\_0\ X0 \tag{2}$$

Assume the following.

$$\exists X0.(\neg v1\_xboole\_0\ X0) \wedge (v7\_ordinal1\ X0) \tag{3}$$

Theorem 1 $k14\_finseq\_1\ k1\_xboole\_0 = k1\_xboole\_0$.