t26_hallmar1 (TMLcj2zid5wvMhCRxkzqDoA9oTS79pGNKBF)

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Let $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $m2\_hallmar1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4\_finseq\_1 : \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $k1\_funct\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.r1\_tarski\ X0\ X0 \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(m2\_finseq\_1\ X1\ (k1\_zfmisc\_1\ X0)) \Rightarrow (\forall X2.\ (m2\_finseq\_1\ X2\ (k1\_zfmisc\_1\ X0)) \Rightarrow ((m2\_hallmar1\ X2\ X0\ X1) \Leftrightarrow ((k4\_finseq\_1\ X2 = k4\_finseq\_1\ X1) \wedge (\forall X3.(m1\_subset\_1\ X3\ k5\_numbers) \Rightarrow ((X3 \in k4\_finseq\_1\ X1) \Rightarrow (r1\_tarski\ (k1\_funct\_1\ X2\ X3)\ (k1\_funct\_1\ X1\ X3)))))))) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.(m2\_finseq\_1\ X1\ (k1\_zfmisc\_1\ X0)) \Rightarrow (m2\_hallmar1\ X1\ X0\ X1)$$