

t13\_nat\_5

(TMccs2hFAxGpcMZ24bqREfeDgnpZ11VMSF9)

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Let  $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k1\_numbers : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k4\_ordinal1 : \iota$  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.

$$k5\_numbers = k4\_ordinal1 \quad (2)$$

Assume the following.

$$m1\_subset\_1 k5\_numbers (k1\_zfmisc\_1 k1\_numbers) \quad (3)$$

**Theorem 1**  $\forall X0. (m2\_finseq\_1 X0 k5\_numbers) \Rightarrow (m2\_finseq\_1 X0 k1\_numbers)$ .