

t28\_rfinseq2 (TMbsz-  
jApYQ9REuoq6bF6g8FQuZDKn1LxKLM)

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Let  $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Let  $k5\_rfinseq2 : \iota \Rightarrow \iota$  be given. Let  $k6\_rvsum\_1 : \iota \Rightarrow \iota$  be given. Let  $k6\_rfinseq2 : \iota \Rightarrow \iota$  be given. Let  $v1\_integra2 : \iota \Rightarrow o$  be given. Let  $r2\_classes1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v8\_valued\_0 : \iota \Rightarrow o$  be given. Let  $m1\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v1\_funct\_1 : \iota \Rightarrow o$  be given. Let  $v1\_finseq\_1 : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $v1\_relat\_1 : \iota \Rightarrow o$  be given. Let  $v3\_valued\_0 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers) \Rightarrow (\exists X1.((v1\_integra2 X1) \wedge (m2\_finseq\_1 X1 k1\_numbers)) \wedge (r2\_classes1 X0 X1)) \quad (1)$$

Assume the following.

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers) \Rightarrow (\forall X1.(m2\_finseq\_1 X1 k1\_numbers) \Rightarrow ((r2\_classes1 X0 X1) \Rightarrow (r2\_classes1 (k6\_rvsum\_1 X0) (k6\_rvsum\_1 X1)))) \quad (2)$$

Assume the following.

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers) \Rightarrow ((v1\_integra2 X0) \Rightarrow (v8\_valued\_0 (k6\_rvsum\_1 X0))) \quad (3)$$

Assume the following.

$$\forall X0.\forall X1.(m2\_finseq\_1 X1 X0) \Leftrightarrow (m1\_finseq\_1 X1 X0) \quad (4)$$

Assume the following.

$$\forall X0.\forall X1.(m2\_finseq\_1 X1 X0) \Rightarrow ((v1\_funct\_1 X1) \wedge ((v1\_finseq\_1 X1) \wedge (m1\_subset\_1 X1 (k1\_zfmisc\_1 (k2\_zfmisc\_1 k5\_numbers X0)))))) \quad (5)$$

Assume the following.

$$\forall X0.\forall X1.(m1\_finseq\_1 X1 X0) \Rightarrow ((v1\_relat\_1 X1) \wedge ((v1\_funct\_1 X1) \wedge (v1\_finseq\_1 X1))) \quad (6)$$

Assume the following.

$$\forall X0.((v1\_relat\_1 X0)\wedge((v1\_funct\_1 X0)\wedge((v3\_valued\_0 X0)\wedge(v1\_finseq\_1 X0))))\Rightarrow(m2\_finseq\_1 (k6\_rvsum\_1 X0) k1\_numbers) \quad (7)$$

Assume the following.

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers)\Rightarrow(\forall X1.((v1\_integra2 X1)\wedge(m2\_finseq\_1 X1 k1\_numbers))\Rightarrow((X1 = k6\_rfinseq2 X0)\Leftrightarrow(r2\_classes1 X0 X1))) \quad (8)$$

Assume the following.

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers)\Rightarrow(\forall X1.((v8\_valued\_0 X1)\wedge(m2\_finseq\_1 X1 k1\_numbers))\Rightarrow((X1 = k5\_rfinseq2 X0)\Leftrightarrow(r2\_classes1 X0 X1))) \quad (9)$$

Assume the following.

$$\forall X0.(m1\_finseq\_1 X0 k1\_numbers)\Rightarrow(v3\_valued\_0 X0) \quad (10)$$

**Theorem 1**

$$\forall X0.(m2\_finseq\_1 X0 k1\_numbers)\Rightarrow(k5\_rfinseq2 (k6\_rvsum\_1 X0) = k6\_rvsum\_1 (k6\_rfinseq2 X0))$$