

t47_finseq_3

(TMaoy3UEa831Ye5rRK36n83JuY1kcXWvJNd)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $r2_relset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k2_partfun1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k14_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k2_finseq_1 : \iota \Rightarrow \iota$ be given. Let $k2_xcmplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (r2_relset_1 \\ & k5_numbers k5_numbers (k2_partfun1 k5_numbers k5_numbers (k14_finseq_1 \\ & (k2_finseq_1 (k2_xcmplx_0 X1 X0))) (k2_finseq_1 X1)) (k14_finseq_1 \\ & (k2_finseq_1 X1)))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0.(v7_ordinal1 X0) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (r2_relset_1 \\ & k5_numbers k5_numbers (k2_partfun1 k5_numbers k5_numbers (k14_finseq_1 \\ & (k2_finseq_1 (k2_xcmplx_0 X0 X1))) (k2_finseq_1 X0)) (k14_finseq_1 \\ & (k2_finseq_1 X0)))) \end{aligned}$$