t9_matrixr1 (TMVpYGU6NdxApuzKNnMzoxbFj3q8BUVdyfc)

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Let $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k3\_finseq\_1 : \iota \Rightarrow \iota$ be given. Let $k6\_rvsum\_1 : \iota \Rightarrow \iota$ be given. Let $k8\_rvsum\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4\_rvsum\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_relat\_1 : \iota \Rightarrow o$ be given. Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $v3\_valued\_0 : \iota \Rightarrow o$ be given. Let $v1\_finseq\_1 : \iota \Rightarrow o$ be given. Let $m1\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$ 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. Assume the following.

$$\forall X0.((v1\_relat\_1\ X0) \wedge ((v1\_funct\_1\ X0) \wedge ((v3\_valued\_0\ X0) \wedge (v1\_finseq\_1\ X0)))) \Rightarrow (\forall X1.((v1\_relat\_1\ X1) \wedge ((v1\_funct\_1\ X1) \wedge ((v3\_valued\_0\ X1) \wedge (v1\_finseq\_1\ X1)))) \Rightarrow (k6\_rvsum\_1\ (k8\_rvsum\_1\ X0\ X1) = k4\_rvsum\_1\ (k6\_rvsum\_1\ X0)\ X1)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(m2\_finseq\_1\ X1\ X0) \Leftrightarrow (m1\_finseq\_1\ X1\ X0) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.(m2\_finseq\_1\ X1\ X0) \Rightarrow ((v1\_funct\_1\ X1) \wedge ((v1\_finseq\_1\ X1) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ X0))))) \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.(m1\_finseq\_1\ X1\ X0) \Rightarrow ((v1\_relat\_1\ X1) \wedge ((v1\_funct\_1\ X1) \wedge (v1\_finseq\_1\ X1))) \tag{4}$$

Assume the following.

$$\forall X0.(m1\_finseq\_1\ X0\ k1\_numbers) \Rightarrow (v3\_valued\_0\ X0) \tag{5}$$

Theorem 1

$$\forall X0.(m2\_finseq\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m2\_finseq\_1\ X1\ k1\_numbers) \Rightarrow ((k3\_finseq\_1\ X0 = k3\_finseq\_1\ X1) \Rightarrow (k6\_rvsum\_1\ (k8\_rvsum\_1\ X0\ X1) = k4\_rvsum\_1\ (k6\_rvsum\_1\ X0)\ X1)))$$