

t2_rvsum_2

(TMMHxvdW5wnGEEM1txBsxrJHG8rmRTdNxJL)

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Let $v1_xcmplx_0 : \iota \Rightarrow o$ be given. Let $r7_binop_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_numbers : \iota$ be given. Let $k7_seq_4 : \iota \Rightarrow \iota$ be given. Let $k27_binop_2 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 k2_numbers) \Rightarrow (r7_binop_1 k2_numbers (k7_seq_4 X0) k27_binop_2) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.(X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \quad (2)$$

Assume the following.

$$\forall X0.(v1_xcmplx_0 X0) \Leftrightarrow (X0 \in k2_numbers) \quad (3)$$

Theorem 1

$$\forall X0.(v1_xcmplx_0 X0) \Rightarrow (r7_binop_1 k2_numbers (k7_seq_4 X0) k27_binop_2)$$