

l19_ntalgo_1

(TMd7QJYcs1DxtBDRJaNMZa27MZoY4rZUhd2)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_numbers : \iota$ be given. Let $k3_int_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_int_2 : \iota \Rightarrow \iota$ be given. Let $v1_int_1 : \iota \Rightarrow o$ be given. Let $np_1 : \iota$ be given. Assume the following.

$$\forall X0.(v1_int_1 X0) \Rightarrow ((k3_int_2 k6_numbers X0 = k1_int_2 X0) \wedge (k3_int_2 np_1 X0 = np_1)) \quad (1)$$

Assume the following.

$$m1_subset_1 k6_numbers k4_numbers \quad (2)$$

Assume the following.

$$\forall X0.\forall X1.((v1_int_1 X0) \wedge (v1_int_1 X1)) \Rightarrow (k3_int_2 X0 X1 = k3_int_2 X1 X0) \quad (3)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_numbers) \Rightarrow (v1_int_1 X0) \quad (4)$$

Theorem 1

$$\forall X0.(m1_subset_1 X0 k4_numbers) \Rightarrow (k3_int_2 X0 k6_numbers = k1_int_2 X0)$$