

t41_sin_cos9 (TMVU-
tYBQ3W1asfiCZ2m1s1bc8rn7C8BSGmd)

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Let $k1_seq_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k29_sin_cos : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k1_sin_cos4 : \iota \Rightarrow \iota$ be given. Let $v1_xreal_0 : \iota \Rightarrow o$ be given. Let $k19_sin_cos : \iota$ be given. Let $np_1 : \iota$ be given. Let $k16_sin_cos : \iota$ be given. Let $k4_xcmplx_0 : \iota \Rightarrow \iota$ be given. Let $k1_real_1 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1_xreal_0 X0) \Rightarrow ((k1_seq_1 k19_sin_cos k6_numbers = np_1) \wedge ((k1_seq_1 k16_sin_cos k6_numbers = k6_numbers) \wedge ((k1_seq_1 k19_sin_cos (k4_xcmplx_0 X0) = k1_seq_1 k19_sin_cos X0) \wedge (k1_seq_1 k16_sin_cos (k4_xcmplx_0 X0) = k1_real_1 (k1_seq_1 k16_sin_cos X0)))))) \quad (1)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k1_numbers) \Rightarrow ((k1_seq_1 k19_sin_cos X0 \neq k6_numbers) \Rightarrow (k1_seq_1 k29_sin_cos X0 = k1_sin_cos4 X0)) \quad (2)$$

Assume the following.

$$m1_subset_1 k6_numbers k1_numbers \quad (3)$$

Assume the following.

$$r1_xxreal_0 k6_numbers np_1 \quad (4)$$

Assume the following.

$$(k1_seq_1 k29_sin_cos k6_numbers = k6_numbers) \wedge (\neg r1_xxreal_0 (k1_seq_1 k29_sin_cos np_1) np_1) \quad (5)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k1_numbers) \Rightarrow (v1_xreal_0 X0) \quad (6)$$

Theorem 1

$$(k1_seq_1 k29_sin_cos k6_numbers = k6_numbers) \wedge (k1_sin_cos4 k6_numbers = k6_numbers)$$