t51_sin_cos (TMGfC8scm6wmRcBNsACk6ik75iq9DNckc7f)

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Let $k26\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k5\_complex1 : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k25\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $k11\_arytm\_3 : \iota$ be given. Let $k1\_seq\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k24\_sin\_cos : \iota$ be given. Let $k16\_complex1 : \iota \Rightarrow \iota$ be given. Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $c2\_\_arytm\_0 : \iota$ be given. Let $c1\_\_xreal\_0 : \iota$ be given. Let $k1\_xxreal\_0 : \iota$ be given. Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0) \Rightarrow (X0 = k1\_xboole\_0) \tag{1}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{2}$$

Assume the following.

$$k5\_complex1 = k1\_xboole\_0 \tag{3}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (k26\_sin\_cos\ X0 = k25\_sin\_cos\ X0) \tag{4}$$

Assume the following.

$$k11\_arytm\_3 = k1\_xboole\_0 \tag{5}$$

Assume the following.

$$k1\_seq\_1\ k24\_sin\_cos\ k6\_numbers = np\_\_1 \tag{6}$$

Assume the following.

$$m1\_subset\_1\ k6\_numbers\ k1\_numbers \tag{7}$$

Assume the following.

$$(v1\_xboole\_0\ (k16\_complex1\ k6\_numbers))\wedge(v1\_xreal\_0\ (k16\_complex1\ k6\_numbers)) \tag{8}$$

Assume the following.

$$c2\_\_arytm\_0 = k6\_numbers \tag{9}$$

Assume the following.

$$c1\_\_xreal\_0 = k6\_numbers \tag{10}$$

Assume the following.

$$k1\_xxreal\_0 = k1\_numbers \tag{11}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0)\Rightarrow(k25\_sin\_cos\ X0 = k1\_seq\_1\ k24\_sin\_cos\ X0) \tag{12}$$

Theorem 1 $k26\_sin\_cos\ k6\_numbers = np\_\_1$.