

t20\_sin\_cos3 (TM-  
Rwn7TkSiEUDL4bo2EQPLotD3ArtNxwg1x)

October 27, 2020

Let  $k15\_sin\_cos : \iota \Rightarrow \iota$  be given. Let  $k5\_complex1 : \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $k26\_sin\_cos : \iota \Rightarrow \iota$  be given. Let  $k6\_numbers : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Let  $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $np\_0 : \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k2\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_xcmplx\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Assume the following.

$$k26\_sin\_cos \ k6\_numbers = np\_1 \tag{1}$$

Assume the following.

$$\forall X0.(m1\_subset\_1 \ X0 \ k1\_numbers) \Rightarrow (k15\_sin\_cos \ X0 = k26\_sin\_cos \ X0) \tag{2}$$

Assume the following.

$$(m2\_subset\_1 \ np\_0 \ k1\_numbers \ k5\_numbers) \wedge ((m1\_subset\_1 \ np\_0 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_0 \ k1\_numbers)) \tag{3}$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ (k4\_xcmplx\_0 \ np\_1) = np\_0 \tag{4}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{5}$$

Assume the following.

$$k5\_complex1 = k1\_xboole\_0 \tag{6}$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ (k4\_xcmplx\_0 \ np\_1) = k6\_numbers \tag{7}$$

**Theorem 1**  $k15\_sin\_cos \ k5\_complex1 = np\_1$ .