t29_sin_cos7 (TMVQzM1ufBrupcNuunfDhNdUP6bSx1HNY8d)

October 27, 2020

Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $k6\_numbers : \iota$ be given. Let $k25\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $k9\_prepower : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k26\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k8\_power : \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k5\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7\_power : \iota$ be given. Let $v1\_xcmplx\_0 : \iota \Rightarrow o$ be given. Let $v1\_xxreal\_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow ((k9\_prepower\ (k26\_sin\_cos\ np\_\_1)\ X0 = k25\_sin\_cos\ X0) \wedge ((k3\_power\ (k26\_sin\_cos\ np\_\_1)\ X0 = k25\_sin\_cos\ X0) \wedge ((k3\_power\ k8\_power\ X0 = k25\_sin\_cos\ X0) \wedge (k9\_prepower\ k8\_power\ X0 = k25\_sin\_cos\ X0)))) \tag{1}$$

Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0) \Rightarrow (X0 = k1\_xboole\_0) \tag{2}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k3\_power\ X0\ k6\_numbers = np\_\_1) \tag{3}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k5\_power\ k8\_power\ (k25\_sin\_cos\ X0) = X0) \tag{4}$$

Assume the following.

$$k8\_power = k7\_power \tag{5}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{6}$$

Assume the following.

$$\exists X0.(v1\_xboole\_0\ X0) \wedge ((v1\_xcmplx\_0\ X0) \wedge ((v1\_xxreal\_0\ X0) \wedge (v1\_xreal\_0\ X0))) \tag{7}$$

Assume the following.

$$v1\_xreal\_0\ k7\_power \tag{8}$$

Theorem 1

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (\neg(X0 \neq k6\_numbers) \wedge (k25\_sin\_cos\ X0 = np\_\_1))$$