t12_taylor_1 (TMX6qKMGkwZA7PtZezoayzc5vVDiEPznLgK)

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Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $k5\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k8\_power : \iota$ be given. Let $k25\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $k9\_prepower : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k26\_sin\_cos : \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_numbers : \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $v2\_xxreal\_0 : \iota \Rightarrow o$ be given. Let $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k5\_numbers : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k7\_power : \iota$ 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.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (\neg r1\_xxreal\_0\ (k25\_sin\_cos\ X0)\ k6\_numbers) \tag{2}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (\forall X1.(v1\_xreal\_0\ X1) \Rightarrow (\neg(\neg r1\_xxreal\_0\ X0\ k6\_numbers) \wedge (r1\_xxreal\_0\ (k3\_power\ X0\ X1)\ k6\_numbers))) \tag{3}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k3\_power\ X0\ np\_\_1 = X0) \tag{4}$$

Assume the following.

$$\neg r1\_xxreal\_0\ k8\_power\ np\_\_2 \tag{5}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_1) \wedge (m2\_subset\_1\ np\_\_1\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_1\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_1\ k1\_numbers)) \tag{6}$$

Assume the following.

$$r1\_xxreal\_0\ np\_\_1\ np\_\_2 \tag{7}$$

Assume the following.

$$k8\_power = k7\_power \tag{8}$$

Assume the following.

$$v1\_xreal\_0\ k7\_power \tag{9}$$

Assume the following.

$$\forall X0.\forall X1.((v1\_xreal\_0\ X0)\wedge(v1\_xreal\_0\ X1))\Rightarrow(v1\_xreal\_0\ (k3\_power\ X0\ X1)) \tag{10}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0)\Rightarrow(\forall X1.(v1\_xreal\_0\ X1)\Rightarrow(\neg(\neg r1\_xxreal\_0\ X0\ k6\_numbers)\wedge((X0\neq np\_\_1)\wedge((\neg r1\_xxreal\_0\ X1\ k6\_numbers)\wedge(\neg\forall X2.(v1\_xreal\_0\ X2)\Rightarrow((X2 = k5\_power\ X0\ X1)\Leftrightarrow(k3\_power\ X0\ X2 = X1))))))) \tag{11}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers)\Rightarrow(v1\_xreal\_0\ X0) \tag{12}$$

Theorem 1 $\forall X0.(v1\_xreal\_0\ X0)\Rightarrow(k5\_power\ k8\_power\ (k25\_sin\_cos\ X0) = X0)$.