t15_taylor_1 (TMPPut-BYyEL791x8C2h6mdBgxRYA7Ao3ayo)

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Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_numbers : \iota$ be given. Let $k1\_seq\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k24\_sin\_cos : \iota$ 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 $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow ((\neg r1\_xxreal\_0\ X0\ k6\_numbers) \Rightarrow (k25\_sin\_cos\ (k5\_power\ k8\_power\ X0) = X0)) \tag{1}$$

Assume the following.

$$m1\_subset\_1\ k8\_power\ k1\_numbers \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.((v1\_xreal\_0\ X0) \wedge (v1\_xreal\_0\ X1)) \Rightarrow (v1\_xreal\_0\ (k5\_power\ X0\ X1)) \tag{3}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k25\_sin\_cos\ X0 = k1\_seq\_1\ k24\_sin\_cos\ X0) \tag{4}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (v1\_xreal\_0\ X0) \tag{5}$$

Theorem 1

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow ((\neg r1\_xxreal\_0\ X0\ k6\_numbers) \Rightarrow (k1\_seq\_1\ k24\_sin\_cos\ (k5\_power\ k8\_power\ X0) = X0))$$