

t55\_sin\_cos  
(TMKYWf9A4Gu85VkKY7g3f6VEkLXRELQAZ9r)

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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  $k25\_sin\_cos : \iota \Rightarrow \iota$  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. Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\neg r1\_xxreal\_0 (k1\_seq\_1 k24\_sin\_cos X0) k6\_numbers) \quad (1)$$

Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (k25\_sin\_cos X0 = k1\_seq\_1 k24\_sin\_cos X0) \quad (2)$$

**Theorem 1**

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