

t62\_quaterni  
(TMYRJri821QLFxeow4KW5buaQGdrnNsLi7i)

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Let  $v1\_quaterni : \iota \Rightarrow o$  be given. Let  $k28\_quaterni : \iota \Rightarrow \iota$  be given. Let  $k6\_quaterni : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_real\_1 : \iota \Rightarrow \iota$  be given. Let  $k17\_quaterni : \iota \Rightarrow \iota$  be given. Let  $k18\_quaterni : \iota \Rightarrow \iota$  be given. Let  $k19\_quaterni : \iota \Rightarrow \iota$  be given. Let  $k20\_quaterni : \iota \Rightarrow \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_quaterni : \iota$  be given. Assume the following.

$$\begin{aligned} \forall X0.(v1\_quaterni X0) \Rightarrow & ((k17\_quaterni (k28\_quaterni X0) = \\ & k1\_real\_1 (k17\_quaterni X0)) \wedge ((k18\_quaterni (k28\_quaterni X0) = \\ & k1\_real\_1 (k18\_quaterni X0)) \wedge ((k19\_quaterni (k28\_quaterni X0) = \\ & k1\_real\_1 (k19\_quaterni X0)) \wedge (k20\_quaterni (k28\_quaterni X0) = \\ & k1\_real\_1 (k20\_quaterni X0)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0.(v1\_quaterni X0) \Rightarrow & (X0 = k6\_quaterni (k17\_quaterni X0) \\ & (k18\_quaterni X0) (k19\_quaterni X0) (k20\_quaterni X0)) \end{aligned} \quad (2)$$

Assume the following.

$$\forall X0.(v1\_quaterni X0) \Rightarrow (m1\_subset\_1 (k28\_quaterni X0) k1\_quaterni) \quad (3)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 k1\_quaterni) \Rightarrow (v1\_quaterni X0) \quad (4)$$

**Theorem 1**

$$\begin{aligned} \forall X0.(v1\_quaterni X0) \Rightarrow & (k28\_quaterni X0 = k6\_quaterni (k1\_real\_1 \\ & (k17\_quaterni X0)) (k1\_real\_1 (k18\_quaterni X0)) (k1\_real\_1 ( \\ & k19\_quaterni X0)) (k1\_real\_1 (k20\_quaterni X0))) \end{aligned}$$