

t46_quatern2 (TMLmADAw- iuxVQ44fHZvv3mPwf5UtngmXhFo)

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Let $k3_quatern2 : \iota \Rightarrow \iota$ be given. Let $k5_struct_0 : \iota \Rightarrow \iota$ be given. Let $k16_quatern2 : \iota$ be given. Let $np_1 : \iota$ be given. Let $k32_quaterni : \iota \Rightarrow \iota$ be given. Let $k22_quaterni : \iota$ be given. Let $k2_quatern2 : \iota$ be given. Let $v1_quaterni : \iota \Rightarrow o$ be given. Assume the following.

$$k32_quaterni \ k22_quaterni = np_1 \quad (1)$$

Assume the following.

$$k5_struct_0 \ k16_quatern2 = k2_quatern2 \quad (2)$$

Assume the following.

$$\forall X0.(v1_quaterni \ X0) \Rightarrow (k3_quatern2 \ X0 = k32_quaterni \ X0) \quad (3)$$

Assume the following.

$$k2_quatern2 = k22_quaterni \quad (4)$$

Assume the following.

$$v1_quaterni \ k22_quaterni \quad (5)$$

Theorem 1 $k3_quatern2 \ (k5_struct_0 \ k16_quatern2) = np_1$.