t87_quatern3 (TMcDWh1nCPmJ9FjafR7R3zcG6bVvvCrJx1t)

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Let $k2\_quatern3 : \iota \Rightarrow \iota$ be given. Let $k28\_quaterni : \iota \Rightarrow \iota$ be given. Let $k2\_quatern2 : \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $v1\_quaterni : \iota \Rightarrow o$ be given. Let $k1\_quatern3 : \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_quaterni : \iota$ be given. Assume the following.

$$\forall X0.(v1\_quaterni\ X0) \Rightarrow (k1\_quatern3\ X0 = k2\_quatern3\ (k28\_quaterni\ X0)) \tag{1}$$

Assume the following.

$$k2\_quatern3\ k2\_quatern2 = np\_\_1 \tag{2}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_quaterni) \Rightarrow (k2\_quatern3\ X0 = k1\_quatern3\ X0) \tag{3}$$

Assume the following.

$$m1\_subset\_1\ k2\_quatern2\ k1\_quaterni \tag{4}$$

Assume the following.

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

Theorem 1 $k2\_quatern3\ (k28\_quaterni\ k2\_quatern2) = np\_\_1$.