

l24\_fib\_num4  
(TMYQqQpVWufUSnk3aSNruSxfErofRqDoicd)

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Let  $k3\_square\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_fib\_num : \iota$  be given. Let  $k13\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k6\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_3 : \iota$  be given. Let  $k7\_square\_1 : \iota \Rightarrow \iota$  be given. Let  $np\_5 : \iota$  be given. Let  $np\_2 : \iota$  be given. Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (k3\_power X0 np\_2 = k3\_square\_1 X0) \quad (1)$$

Assume the following.

$$k3\_power k2\_fib\_num np\_2 = k13\_complex1 (k6\_xcmplx\_0 np\_3 (k7\_square\_1 np\_5)) np\_2 \quad (2)$$

Assume the following.

$$v1\_xreal\_0 k2\_fib\_num \quad (3)$$

**Theorem 1**

$$k3\_square\_1 k2\_fib\_num = k13\_complex1 (k6\_xcmplx\_0 np\_3 (k7\_square\_1 np\_5)) np\_2$$