

t3\_fib\_num4 (TMFSeJfLMUREQjEiPrGzgTFG-  
gtRQA2Hk2k9)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $v1\_abian : \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_xcmplx\_0 : \iota \Rightarrow \iota$  be given. Let  $v1\_int\_1 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_int\_1 X1) \Rightarrow ((v1\_abian X1) \Rightarrow (k3\_power (k4\_xcmplx\_0 X0) X1 = k3\_power X0 X1))) \quad (1)$$

Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (v1\_int\_1 X0) \quad (2)$$

**Theorem 1**

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow ((v1\_abian X0) \Rightarrow ((X1 = k6\_numbers) \vee (k3\_power (k4\_xcmplx\_0 X1) X0 = k3\_power X1 X0))))$$