l72_fib_num4 (TMd36JEgoA2w78YPK68w3A4NGMxJKWq9rsv)

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Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k13\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_6 : \iota$ be given. Let $np\_\_10 : \iota$ be given. Let $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7\_square\_1 : \iota \Rightarrow \iota$ be given. Let $np\_\_5 : \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $k5\_square\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $v2\_xxreal\_0 : \iota \Rightarrow o$ be given. Let $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k5\_numbers : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np\_\_0 : \iota$ be given. Let $k6\_square\_1 : \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k3\_square\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0) \Rightarrow (X0 = k1\_xboole\_0) \tag{1}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_5) \wedge (m2\_subset\_1\ np\_\_5\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_5\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_5\ k1\_numbers)) \tag{2}$$

Assume the following.

$$v1\_xboole\_0\ np\_\_0 \tag{3}$$

Assume the following.

$$r1\_xxreal\_0\ np\_\_0\ np\_\_5 \tag{4}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (k7\_square\_1\ X0 = k6\_square\_1\ X0) \tag{5}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{6}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (k5\_square\_1\ X0 = k3\_square\_1\ X0) \tag{7}$$

Assume the following.

$$\neg r1\_xxreal\_0\ (k13\_complex1\ np\_\_6\ np\_\_10)\ (k3\_xcmplx\_0\ (k6\_xcmplx\_0\ (k7\_square\_1\ np\_\_5)\ np\_\_1)\ (k13\_complex1\ (k7\_square\_1\ np\_\_5)\ np\_\_5)) \tag{8}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers)\Rightarrow(m1\_subset\_1\ (k7\_square\_1\ X0)\ k1\_numbers) \tag{9}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0)\Rightarrow((r1\_xxreal\_0\ k6\_numbers\ X0)\Rightarrow(\forall X1.(v1\_xreal\_0\ X1)\Rightarrow((X1 = k6\_square\_1\ X0)\Leftrightarrow((r1\_xxreal\_0\ k6\_numbers\ X1)\wedge(k3\_square\_1\ X1 = X0))))) \tag{10}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers)\Rightarrow(v1\_xreal\_0\ X0) \tag{11}$$

Theorem 1

$$\neg r1\_xxreal\_0\ (k13\_complex1\ np\_\_6\ np\_\_10)\ (k3\_xcmplx\_0\ (k6\_xcmplx\_0\ (k7\_square\_1\ np\_\_5)\ np\_\_1)\ (k13\_complex1\ (k7\_square\_1\ np\_\_5)\ (k5\_square\_1\ (k7\_square\_1\ np\_\_5))))$$