

l19_fib_num
(TMbsN5cJ2n6J5KEw7PpQ9MvFBj9Jgrbecu5)

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Let $k7_square_1 : \iota \Rightarrow \iota$ be given. Let $np_5 : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $np_0 : \iota$ be given. Let $r1_xxreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np_2 : \iota$ be given. Assume the following.

$$\forall X0.(v1_xboole_0 X0) \Rightarrow (X0 = k1_xboole_0) \tag{1}$$

Assume the following.

$$v1_xboole_0 np_0 \tag{2}$$

Assume the following.

$$r1_xxreal_0 np_0 np_2 \tag{3}$$

Assume the following.

$$k6_numbers = k1_xboole_0 \tag{4}$$

Assume the following.

$$\neg r1_xxreal_0 (k7_square_1 np_5) np_2 \tag{5}$$

Theorem 1 $k7_square_1 np_5 \neq k6_numbers$.