l56_asympt_1 (TMLzpqDEKtKVAJfFiwzJByjXHrWt9dgsNed)

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Let $k5\_series\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $np\_\_12 : \iota$ be given. Let $np\_\_4096 : \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k4\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_6 : \iota$ be given. Let $np\_\_64 : \iota$ be given. Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_numbers : \iota$ be given. Let $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ 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 $v7\_ordinal1 : \iota \Rightarrow o$ be given. Let $k4\_ordinal1 : \iota$ be given. Assume the following.

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

Assume the following.

$$k4\_power\ np\_\_2\ np\_\_6 = np\_\_64 \tag{2}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (\forall X1.(v1\_xreal\_0\ X1) \Rightarrow (\forall X2. (v1\_xreal\_0\ X2) \Rightarrow ((\neg r1\_xxreal\_0\ X0\ k6\_numbers) \Rightarrow (k3\_power\ X0\ (k2\_xcmplx\_0\ X1\ X2) = k3\_xcmplx\_0\ (k3\_power\ X0\ X1)\ (k3\_power\ X0\ X2))))) \tag{3}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_6) \wedge (m2\_subset\_1\ np\_\_6\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_6\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_6\ k1\_numbers)) \tag{4}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_2) \wedge (m2\_subset\_1\ np\_\_2\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_2\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_2\ k1\_numbers)) \tag{5}$$

Assume the following.

$$((v2\_xxreal\_0\ np\_\_12) \wedge (m2\_subset\_1\ np\_\_12\ k1\_numbers\ k5\_numbers)) \wedge ((m1\_subset\_1\ np\_\_12\ k5\_numbers) \wedge (m1\_subset\_1\ np\_\_12\ k1\_numbers)) \tag{6}$$

Assume the following.

$$v1\_xboole\_0\ np\_\_0 \tag{7}$$

Assume the following.

$$k3\_xcmplx\_0\ np\_\_64\ np\_\_64 = np\_\_4096 \tag{8}$$

Assume the following.

$$k2\_xcmplx\_0\ np\_\_6\ np\_\_6 = np\_\_12 \tag{9}$$

Assume the following.

$$\neg r1\_xxreal\_0\ np\_\_2\ np\_\_0 \tag{10}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{11}$$

Assume the following.

$$\forall X0.\forall X1.((v7\_ordinal1\ X0)\wedge(v7\_ordinal1\ X1))\Rightarrow(k5\_series\_1\ X0\ X1 = k3\_power\ X0\ X1) \tag{12}$$

Assume the following.

$$k5\_numbers = k4\_ordinal1 \tag{13}$$

Assume the following.

$$\forall X0.\forall X1.((m1\_subset\_1\ X0\ k1\_numbers)\wedge(m1\_subset\_1\ X1\ k1\_numbers))\Rightarrow(k4\_power\ X0\ X1 = k3\_power\ X0\ X1) \tag{14}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k4\_ordinal1)\Rightarrow(v7\_ordinal1\ X0) \tag{15}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers)\Rightarrow(v1\_xreal\_0\ X0) \tag{16}$$

Theorem 1 $k5\_series\_1\ np\_\_2\ np\_\_12 = np\_\_4096$.