

# t2\_hilbert3 (TMFaxKtKD- bch1BmxFFV17wAmeLBhGs7A6gN)

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Let  $v1\_int\_1 : \iota \Rightarrow o$  be given. Let  $v1\_abian : \iota \Rightarrow o$  be given. Let  $k6\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_1 : \iota$  be given. Assume the following.

$$\forall X0.(v1\_int\_1 X0) \Rightarrow ((v1\_abian X0) \Leftrightarrow (\neg v1\_abian (k6\_xcmplx\_0 X0 np\_1))) \quad (1)$$

**Theorem 1**

$$\forall X0.(v1\_int\_1 X0) \Rightarrow ((\neg v1\_abian X0) \Leftrightarrow (v1\_abian (k6\_xcmplx\_0 X0 np\_1)))$$