

l27\_heyting1  
(TMVkyT1Q2QfAkufRQVnZ7AeKkMvJELnAJx1)

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Let  $k5\_finsub\_1 : \iota \Rightarrow \iota$  be given. Let  $k7\_normform : \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Let  $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Let  $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $v1\_finset\_1 : \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. k1\_zfmisc\_1 (k1\_tarski X0) = k2\_tarski k1\_xboole\_0 (k1\_tarski X0) \quad (1)$$

Assume the following.

$$k7\_normform k1\_xboole\_0 = k1\_tarski (k4\_tarski k1\_xboole\_0 k1\_xboole\_0) \quad (2)$$

Assume the following.

$$\forall X0. (v1\_finset\_1 X0) \Rightarrow (k5\_finsub\_1 X0 = k1\_zfmisc\_1 X0) \quad (3)$$

Assume the following.

$$\forall X0. v1\_finset\_1 (k1\_tarski X0) \quad (4)$$

**Theorem 1**

$$k5\_finsub\_1 (k7\_normform k1\_xboole\_0) = k2\_tarski k1\_xboole\_0 (k1\_tarski (k4\_tarski k1\_xboole\_0 k1\_xboole\_0))$$