

t11\_hilbert1  
(TMd54DUF3uS1t94wai6u7PkLNSuoMqd8QBQ)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k1\_hilbert1 : \iota$  be given. Let  $k5\_hilbert1 : \iota \Rightarrow \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (k1\_zfmisc\_1 k1\_hilbert1)) \Rightarrow (r1\_tarski X0 (k5\_hilbert1 X0)) \quad (1)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (k1\_zfmisc\_1 k1\_hilbert1)) \Rightarrow (r1\_tarski (k5\_hilbert1 (k5\_hilbert1 X0)) (k5\_hilbert1 X0)) \quad (2)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 (k1\_zfmisc\_1 k1\_hilbert1)) \Rightarrow (m1\_subset\_1 (k5\_hilbert1 X0) (k1\_zfmisc\_1 k1\_hilbert1)) \quad (3)$$

Assume the following.

$$\forall X0.\forall X1.(X0 = X1) \Leftrightarrow ((r1\_tarski X0 X1) \wedge (r1\_tarski X1 X0)) \quad (4)$$

**Theorem 1**

$$\forall X0.(m1\_subset\_1 X0 (k1\_zfmisc\_1 k1\_hilbert1)) \Rightarrow (k5\_hilbert1 (k5\_hilbert1 X0) = k5\_hilbert1 X0)$$