

# l14\_measure7

(TMTPK1UAofhmTdos2FR7RSRfunnvfWHxMrL)

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Let  $v1\_funct\_1 : \iota \Rightarrow o$  be given. Let  $k7\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k1\_numbers : \iota$  be given. Let  $v1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k9\_setfam\_1 : \iota \Rightarrow \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_funcop\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.(X2 \in X1) \Rightarrow ((v1\_funct\_1 (k2\_funcop\_1 X0 X2)) \wedge ((v1\_funct\_2 (k2\_funcop\_1 X0 X2) X0 X1) \wedge (m1\_subset\_1 (k2\_funcop\_1 X0 X2) (k1\_zfmisc\_1 (k2\_zfmisc\_1 X0 X1)))))) \quad (1)$$

Assume the following.

$$\forall X0.k9\_setfam\_1 X0 = k1\_zfmisc\_1 X0 \quad (2)$$

Assume the following.

$$\forall X0.\forall X1.k7\_funcop\_1 X0 X1 = k2\_funcop\_1 X0 X1 \quad (3)$$

Assume the following.

$$k1\_numbers \in k9\_setfam\_1 k1\_numbers \quad (4)$$

Assume the following.

$$\forall X0.\forall X1.(v1\_funct\_1 (k7\_funcop\_1 X0 X1)) \wedge ((v1\_funct\_2 (k7\_funcop\_1 X0 X1) X0 (k1\_tarski X1)) \wedge (m1\_subset\_1 (k7\_funcop\_1 X0 X1) (k1\_zfmisc\_1 (k2\_zfmisc\_1 X0 (k1\_tarski X1)))))) \quad (5)$$

## Theorem 1

$$(v1\_funct\_1 (k7\_funcop\_1 k5\_numbers k1\_numbers)) \wedge ((v1\_funct\_2 (k7\_funcop\_1 k5\_numbers k1\_numbers) k5\_numbers (k9\_setfam\_1 k1\_numbers)) \wedge (m1\_subset\_1 (k7\_funcop\_1 k5\_numbers k1\_numbers) (k1\_zfmisc\_1 (k2\_zfmisc\_1 k5\_numbers (k9\_setfam\_1 k1\_numbers))))))$$