

17_collsp
(TMdST3MJAJ8hAcBsdAQYJwVKRthLzJwzakP)

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Let $m1_collsp : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k4_domain_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $np_1 : \iota$ be given. Let $c2_collsp : \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_domain_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} r1_tarski (k1_tarski (k4_domain_1 k5_numbers k5_numbers k5_numbers \\ np_1 np_1 np_1)) (k3_zfmisc_1 (k6_domain_1 k5_numbers np_1) \\ (k6_domain_1 k5_numbers np_1)) (k6_domain_1 k5_numbers np_1) \end{aligned} \quad (1)$$

Assume the following.

$$c2_collsp = k6_domain_1 k5_numbers np_1 \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_collsp X1 X0) \Leftrightarrow (r1_tarski X1 (k3_zfmisc_1 X0 X0 X0)) \quad (3)$$

Theorem 1

$$m1_collsp (k1_tarski (k4_domain_1 k5_numbers k5_numbers k5_numbers \\ np_1 np_1 np_1)) c2_collsp$$