

t53_yellow_9

(TMKknuNiCJU9NG4vX3F6gQC�LFo5QezFK9r)

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Let $l1_pre_topc : \iota \Rightarrow o$ be given. Let $m2_yellow_9 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_pre_topc : \iota \Rightarrow o$ be given. Let $v1_tops_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_pre_topc : \iota \Rightarrow \iota$ be given. Let $v2_cantor_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v2_pre_topc : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(l1_pre_topc X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 (u1_struct_0 X0)))) \Rightarrow ((v1_tops_2 X1 X0) \Leftrightarrow (r1_tarSKI X1 (u1_pre_topc X0)))) \quad (1)$$

Assume the following.

$$\forall X0.(l1_pre_topc X0) \Rightarrow (\exists X1.((v1_pre_topc X1) \wedge (v2_pre_topc X1) \wedge (l1_pre_topc X1)) \wedge ((u1_struct_0 X1 = u1_struct_0 X0) \wedge ((v1_tops_2 (u1_pre_topc X0) X1) \wedge ((v2_cantor_1 (u1_pre_topc X0) X1) \wedge (m1_subset_1 (u1_pre_topc X0) (k1_zfmisc_1 (k1_zfmisc_1 (u1_struct_0 X1)))))))) \quad (2)$$

Assume the following.

$$\forall X0.(l1_pre_topc X0) \Rightarrow (\forall X1.((v2_pre_topc X1) \wedge (l1_pre_topc X1)) \Rightarrow ((m2_yellow_9 X1 X0) \Leftrightarrow ((u1_struct_0 X0 = u1_struct_0 X1) \wedge (r1_tarSKI (u1_pre_topc X0) (u1_pre_topc X1)))) \quad (3)$$

Theorem 1

$$\forall X0.(l1_pre_topc X0) \Rightarrow (\exists X1.(m2_yellow_9 X1 X0) \wedge ((v1_pre_topc X1) \wedge ((v1_tops_2 (u1_pre_topc X0) X1) \wedge ((v2_cantor_1 (u1_pre_topc X0) X1) \wedge (m1_subset_1 (u1_pre_topc X0) (k1_zfmisc_1 (k1_zfmisc_1 (u1_struct_0 X1))))))))$$